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JVC LT-32CA120 INSTRUCTION MANUAL

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Instruction Manual

LED Smart Full HD Android TV™

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Safety Warnings

- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.
- **WARNING**: Never let people (including children) with reduced physical, sensory or mental capabilities or lack of experience and / or knowledge use electrical devices unsupervised.
- To avoid danger of suffocation, keep plastic bags out of reach of babies, children and domestic animals.
- Carefully attach the stand to the TV. If the stand is provided with screws, tighten the screws firmly to prevent the TV from tilting. Do not over tighten the screws and mount the stand rubbers properly.

Damage

- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.

Location of Unit

- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over causing serious personal injury or death.
- The mains socket must be located near the unit and should be easily accessible.
- This unit is designed for indoor, domestic use only.
- Use this TV set at an altitude of less than 2000 meters above sea level, in dry locations and in regions with moderate or tropical climates.

Many injuries, particularly to children, can be avoided by taking simple precautions such as;

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only use furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both furniture and the television set to a suitable support.
- Not standing the television set on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls. If your existing television set is being retained and relocated, the same considerations as above should be applied.

Wall Mounting

- Read the TV and wall mount instructions before mounting your TV on the wall.
- For TVs over 40" in size, wall mounting requires 2 people to lift and position the TV on to the wall mount.
- The wall mount bracket is not supplied, they can be purchased from your dealer.
- Do not install the TV on a ceiling or an inclined wall.
- Only use the screws supplied with the wall mount bracket when attaching the TV to the bracket. See your TV instructions for screw type.
- Tighten the wall mount screw firmly to prevent the TV from falling. Do not over tighten the screws.
- If you are in any doubt how to mount your TV, contact a professional.

Temperature

- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas / electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

Naked Flames

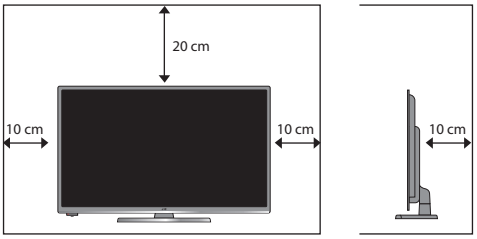
- Never place any type of candle or naked flame on the top of or near the unit.

Moisture

- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.

Ventilation

- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.
- Make sure that there is a gap of at least 10 cm on both sides and a gap of 20 cm at the top.



Safety

- Always disconnect the unit from the mains supply before connecting / disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm and long inactivity periods (going on holiday).

Mains Cable

- Make sure the unit or unit stand is not resting on top of the mains cable, as the weight of the unit may damage the mains cable and create a safety hazard.
- A damaged power cord/plug can cause fire or give you an electric shock. Handle the power cord by the plug, do not unplug the TV by pulling the power cord. Never touch the power cord/plug with wet hands as this could cause a short circuit or electric shock. Never make a knot in the power cord or tie it with other cords. If the mains cable is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

Optimum viewing

- View the unit in moderate light to prevent eye strain. It is recommended to watch the unit from a distance 3-7 times that of the screen height.

LCD screen

- The LCD screen is manufactured using high-precision technology. However, some tiny black points and / or bright points (red, blue or green in colour) may constantly appear on the LCD screen. These points are generated in the manufacturing process and are normal.

Screen Burn

- A characteristic of Plasma and TV Panels is that displaying the same image for a long time may cause a permanent after-image to remain on the screen. This is called screen burn. Most pictures shown on the unit will be constantly moving and fill the screen.
- Examples of images that you need to watch out for are as follows (this is not an all-inclusive list):
  1. **Black Bars:** If black bars appear at the left / right or top / bottom of the screen, it is recommended to change the format so that the picture fills the entire screen.
  2. **TV Channel Logos:** e.g. Shopping channel logos and pricing displays - especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.
  3. **Time Displays**
  4. **Interactive Services:** Do not view a stationary page for long periods of time.
  5. **TV Menus**
  6. **Pause Mode:** Do not leave the screen in pause mode for long periods of time, e.g. when watching videos.
- To prevent screen burn if viewing any of the above for long periods of time, reduce contrast and brightness when viewing. Once burn-in occurs it will never disappear completely.

Country Restrictions for Wireless Internet

- This device is intended for home and office use in all EU countries (and other countries following the relevant EU directive) without any limitation except for the countries mentioned below.

Country	Restriction
Bulgaria (BG)	General authorization required for outdoor use and public service
France (FR)	In-door use only for 2454-2483.5 MHz
Italy (IT)	If used outside of own premises, general authorization is required
Greece (GR)	In-door use only for 5470 MHz to 5725 MHz band
Luxembourg (EL)	General authorization required for network and service supply(not for spectrum)
Norway (NO)	Radio transmission is prohibited for the geographical area within a radius of 20 km from the centre of Ny-Ålesund
Russian Federation (RU)	In-door use only

- The requirements for any country may change at any time. It's recommended that user checks with local authorities for the current status of their national regulations for both 2.4 GHz and 5 GHz wireless LAN's.

Earphones

- Listening to loud sounds for prolonged periods of time may permanently damage your hearing.
- Before putting on earphones, turn the volume down then put the earphones on and slowly increase the volume until you reach a comfortable listening level.

Standby

- The ⏻ button on the remote control does not switch off the unit completely. The unit will continue to draw electricity from the mains supply while in standby. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit in standby while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Disconnect the mains plug from the mains socket.

Batteries

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.
- Do not dispose of batteries in fire or with hazardous or flammable materials.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Supervision

- Children should be supervised to ensure that they do not play with the unit and the remote control.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.

1 Safety Warnings

Earthing

- Apparatus connected to the protective earthing of the building installation through the MAINS connection or through other apparatus with a connection to protective earthing - and to a television distribution system using coaxial cable, may in some circumstances create a fire hazard. Connection to a television distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11)

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the manual accompanying the unit.

Service

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.

Maintenance

- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.
- The wall socket plug is used as a disconnect device, the disconnect device should be readily accessible.
- This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

To prevent the spread of fire, keep candles or other open flames away from this product at all times.

Thank you for purchasing your new JVC TV.

Your new TV has many features and incorporates the latest technology to enhance your viewing experience. We recommend that you spend some time reading this instruction manual so that you fully understand these features. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

Unpacking the TV

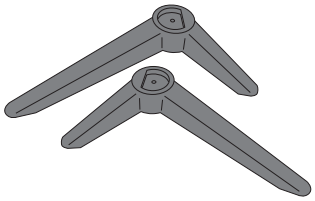
Remove all packaging from the TV. Retain the packaging. If you dispose of it please do so according to local regulations.

The following items are included:

TV

Stand screws x2

Remote Control / AAA Batteries x 2



TV Stand (feet) x 2

Instruction Manual

Quick Start Guide

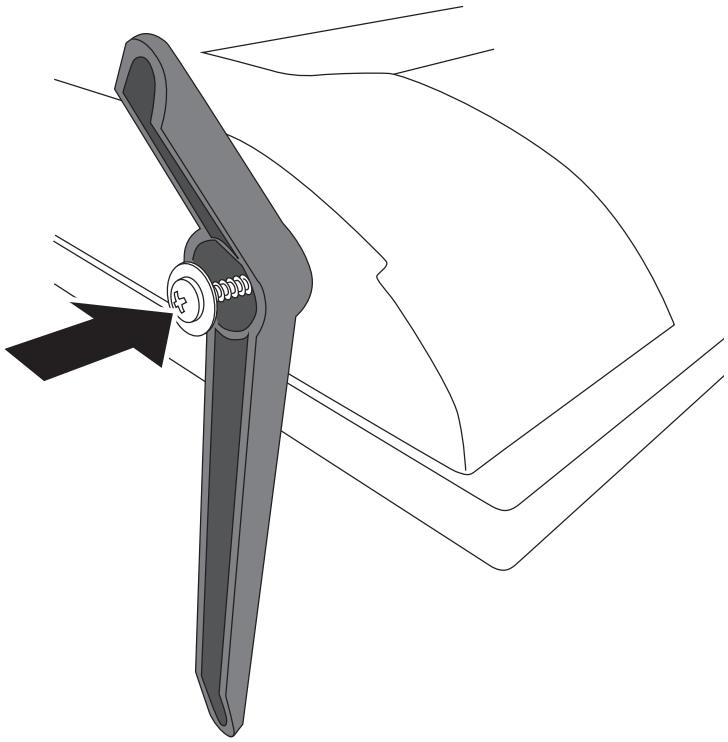
- If items are missing, or damaged please contact Partmaster (UK only). Tel: 0344 800 3456 for assistance. Parts are available for 7 years after purchase.

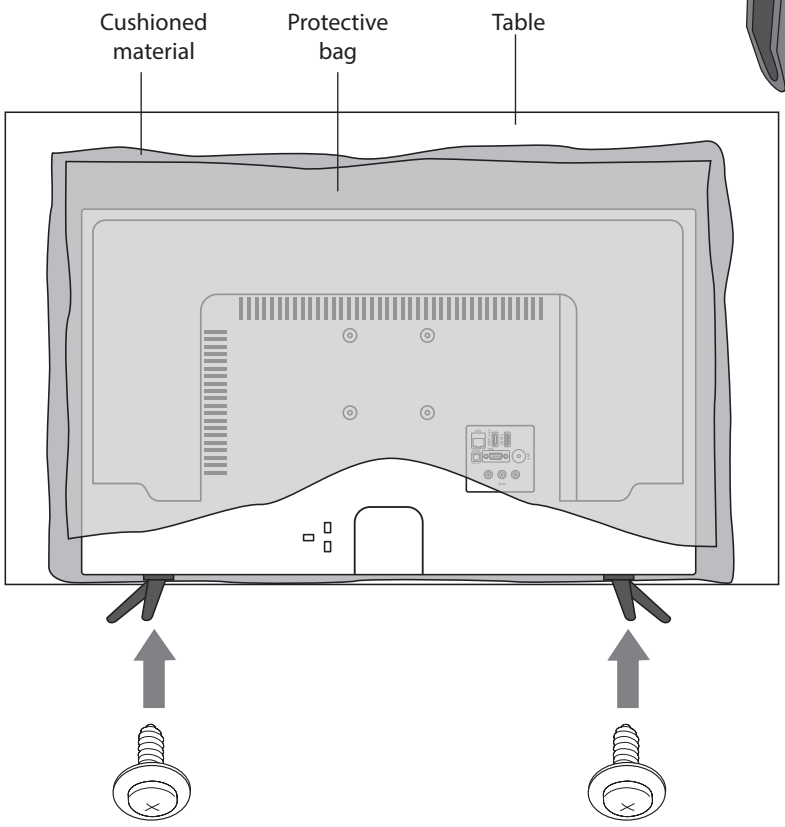
Installing / Removing the Stand

The LCD display is very fragile, and must be protected at all times when installing and removing the base stand. Be sure that no hard or sharp object, or anything that could scratch or damage the LCD display, comes into contact with it. DO NOT exert pressure on the front of the TV at any time because the screen could crack.

Fitting the Stand

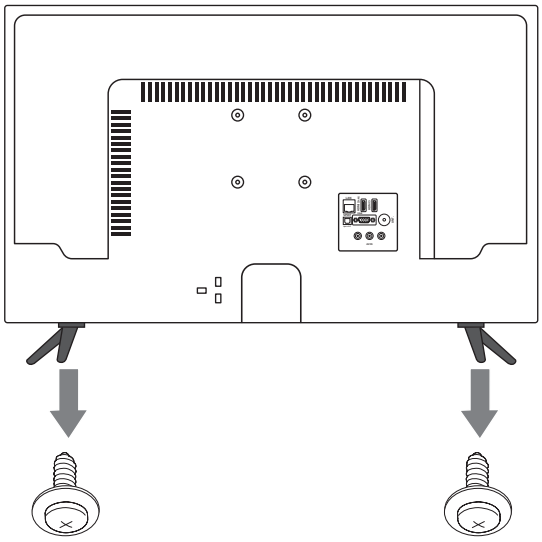
1. Ensure the TV is switched off and not connected to the mains power supply.
2. Lay the TV down on a flat surface ideally on the edge of a table so the base of the TV slightly overhangs the edge of the table, with the back side facing up. Please make sure a soft cushioned material (such as a dry bath towel or thick piece of foam) is placed beneath the screen.
3. Fit each leg to your TV using the screws supplied.





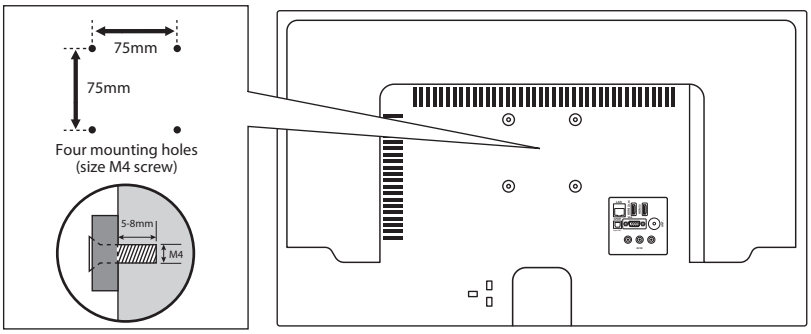
Mounting the TV to a Wall

Remove the stand assembly before mounting the TV onto the wall.



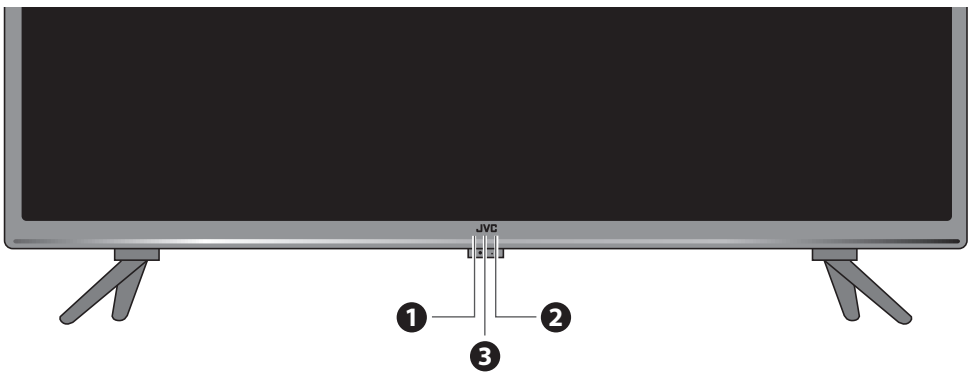
1. Remove the screw from each leg and detach.

2. This TV is designed to be wall-mounted with a standard 75 mm x 75 mm mounting kit (sold separately) designed for flat-panel TVs. Mount this TV according to the instructions included in the mounting kit. Due to space restrictions, we recommend that you make all connections before mounting on to the wall.



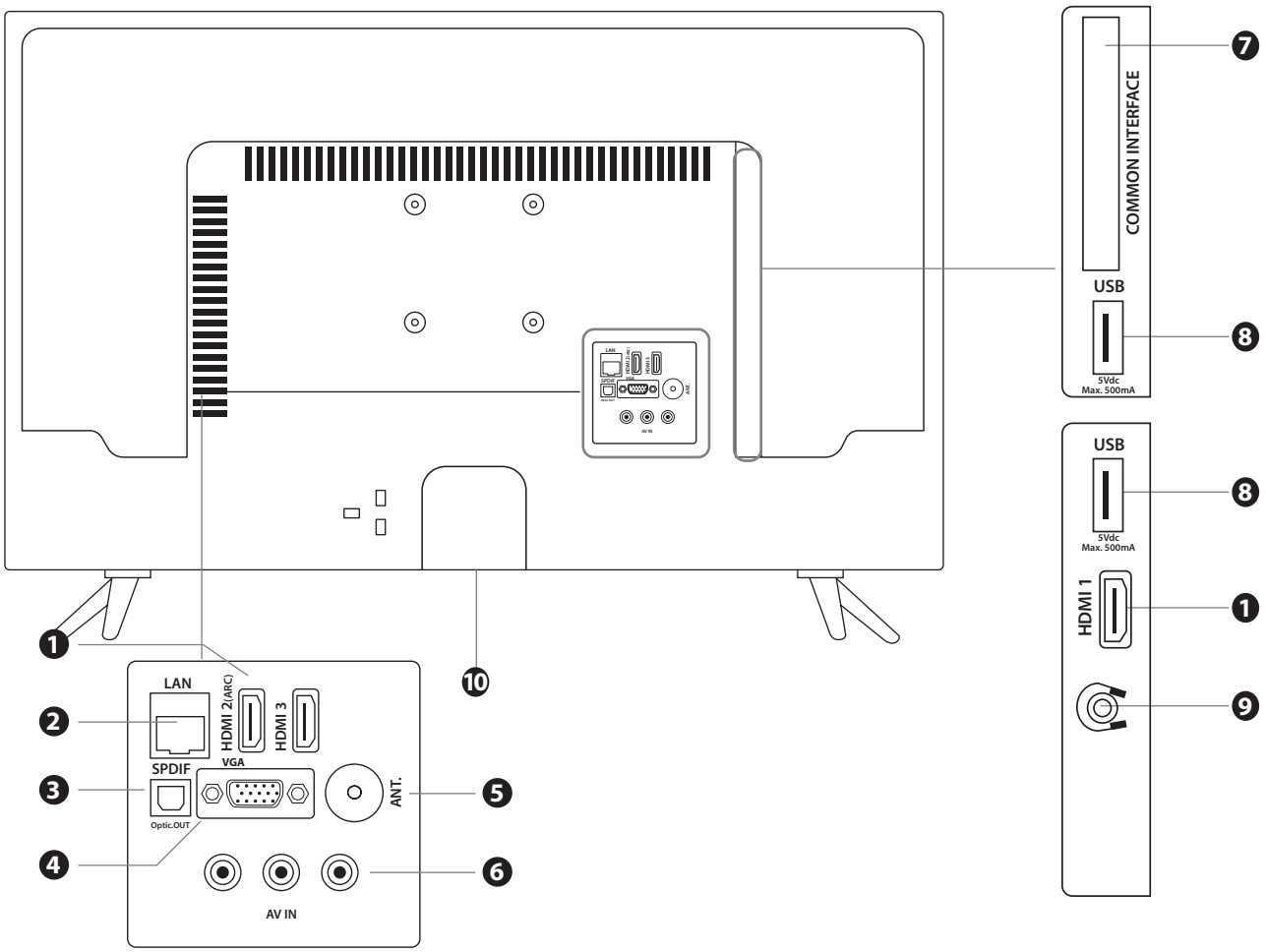
- If you are wall mounting your TV you may wish to buy a 90° HDMI adapter. This will help with your cable management.
- Please read this instruction manual carefully while setting up your TV.
- If you require additional assistance please call our Call Centre on (UK) **0344 561 1234 or** (Ireland) **1 890 818 575**. Our Customer Contact Centre is open Monday-Saturday 8am-8pm or Sunday 8am-6pm.

Front View and Controls



Item		Description
1	**POWER LED**	Illuminates when the TV is in standby mode. The LED will blink confirming that a timer recording programme has started in the standby mode.
2	**IR (Infrared Receiver)**	Receives IR signals from the remote control. Do not put anything near the sensor, as its function may be affected.
3	**STANDBY/ON BUTTON**	Switches the TV into standby and on.

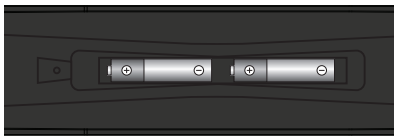
Rear View and Sockets



Item		Description
1	**HDMI 1, 2 (ARC) & 3**	Connects to a High-Definition (HD) signal output device, such as a set-top box, blu-ray disc player or AV receiver.
2	**LAN**	Connects to the internet for using the Smart hub.
3	**SPDIF (Optic. OUT)**	Optical audio out (Digital) - Connects to an audio device via an optical cable.
4	**VGA**	Connects to a computer or other devices with VGA interfaces.
5	**ANT**	Connects to the aerial socket on the wall with the RF coaxial cable.
6	**AV IN**	Connects to composite video and AUDIO (L/R) output sockets on external video devices. Audio inputs (red and white) also used with VGA input.
7	**COMMON INTERFACE**	Allows the insertion of a Common Access Module.
8	**USB**	Allows the insertion of a USB storage device to play video, audio, photo and text files (USB mode) and record DTV programmes on to a USB storage device.
9	🎧	Connects to the headphones.
10	**STANDBY/ON SWITCH**	Switches the TV into standby and on.

Installing Batteries in the Remote Control

1. Press the catch and lift the battery cover.



2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.

3. Click the battery compartment back into place.

Handling the Batteries

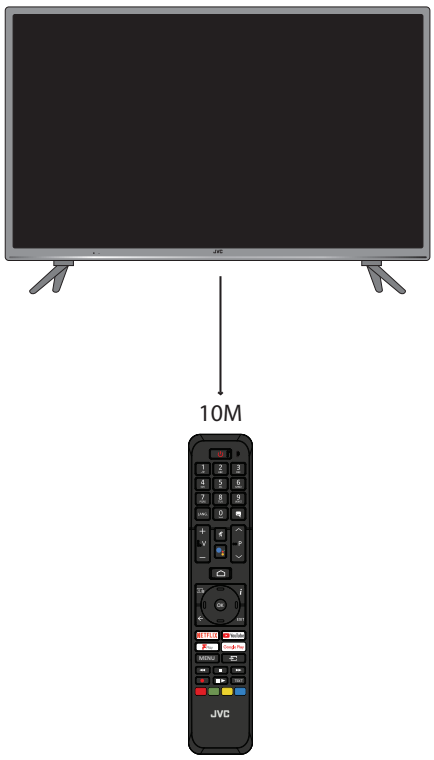
- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Only use the battery type indicated in this manual.
- When the batteries are exhausted, the remote will not function. Replace both batteries at the same time with new ones.
- Do not install new batteries with used ones and do not mix different types of batteries.
- Do not dispose of used batteries as domestic waste. Dispose of them in accordance with local regulations.

Handling the Remote Control

- Take care of your fingernails when you press and hold the battery release tab.
- Do not drop or cause impact to the remote control.
- Do not spill water or any liquid on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under direct sunlight or near sources of excessive heat.
- Remove the battery from the remote control when not in use for a long period of time, as it could cause corrosion or battery leakage and may result in physical injury and/or property damage including fire.

Remote Control Operation Range

The first time you use your remote control, point the remote control at the TV no more than 5 metres from the remote control sensor on the TV and within 60° in front of the TV. The operating distance may vary depending on the brightness of the room. Once the remote control has connected to the TV via Bluetooth the operating range is 10 meters and you won't need to point it at the TV.



Remote Control

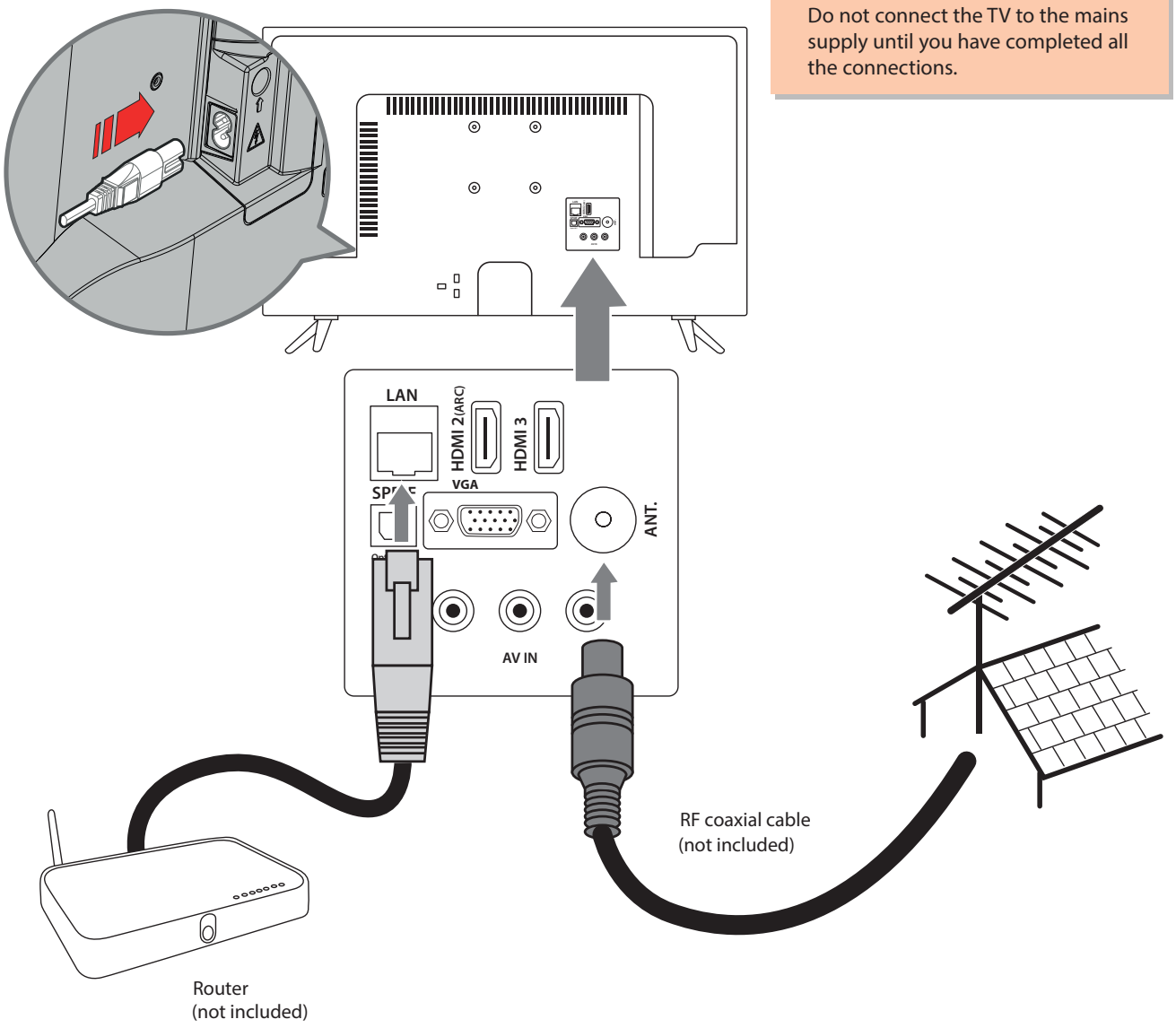
1. **STANDBY Button**
   - Press to switch between on and standby.
   - Press for 1 second to Power Off the TV. This will enter low power standby mode.
2. **Microphone & LED**
   - Speak into the microphone when using Google Assistant.
   - Blue LED lights to indicate your remote is working.
3. **NUMBER Buttons**
   Press to select a Live TV channels.
4. **LANGUAGE Button**
   Press to select an alternative language if available.
5. **SUBTITLE Button**
   Press to access the AUDIO menu where you can switch Audio Description and Subtitles on and off.
6. **MUTE Button**
   Press to mute or un-mute the volume.
7. **VOLUME +/- Buttons**
   Press to increase and decrease the volume level.
8. **PROGRAMME +/- Buttons**
   - Press to scroll up and down the channel list.
9. **GOOGLE ASSISTANT Button**
   Press the Google Assistant button, when the blue LED flashes on the remote ask Google a question.
10. **HOME Button**
    - Press to view the home screen.
11. **GUIDE Button**
    Press to view the Live TV Programme Guide.
12. **INFORMATION Button**
    Press when viewing Live TV to see programme information.
13. **OK and NAVIGATION (◀▶▲▼)Buttons**
    - Press OK to select items in menus.
    - Press ◀▶▲▼ to navigate around menus.
14. **BACK Button**
    Press to move back through menus.
15. **EXIT Button**
    Press to exit menus or Apps.
16. **NETFLIX Button**
    Connects to Netflix for viewing online TV shows and films (internet connection required).
17. **YOUTUBE button**
    Press to access YouTube (internet connection required).
18. **FPLAY button**
    Press to access the Now/Next menu in Live TV.
19. **GOOGLE PLAY button**
    Press to access Google Play (internet connection required).
20. **MENU Button**
    - Press when viewing Live TV to access the Channel, TV Options and Record menus.
    - Press when viewing the Home Screen to accsess the Settings menu.

21. Input Button
Press to switch between inputs.

22. REWIND - STOP - FAST FORWARD - RECORD - PAUSE/PLAY - TEXT Buttons
- Press to rewind videos.
- Press to Pause videos.
- Press the fast forward videos.
- Press to Record Live TV, a storage device must be connected.
- Press the play videos.
- Press to Stop videos.
- Press Text to access Red Button services on Live TV if available.

23. COLOURED Buttons
- Press the RED button to access Red button services if available.
- Access the TELETEXT items when viewing Live TV.
- Press the coloured buttons to select Freeview Play options.

Turning the TV On for the First Time



Do not connect the TV to the mains supply until you have completed all the connections.

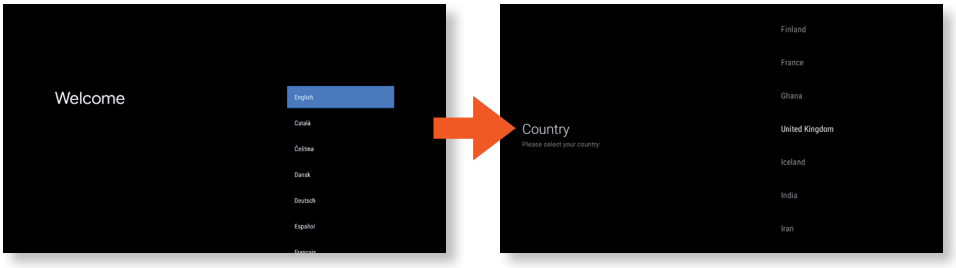
1. Connect one end of the RF coaxial cable to the aerial socket on the wall and the other end of the cable to the **ANT** socket on the back of your TV.
2. Insert the power cable into the power socket on the back of the TV, plug the TV into a mains socket and switch on at the mains.
3. In standby mode, press the ⏻ button on the remote control to turn the TV on. The LED indicator will flash for a few seconds then the TV will switch on.

Always disconnect the TV from the mains socket when not in use for a long period of time.
The ⏻ button on the remote control is only used for switching the TV into standby, it does not disconnect the TV from the mains power. To completely disconnect the mains power, please remove the mains plug from the mains socket.

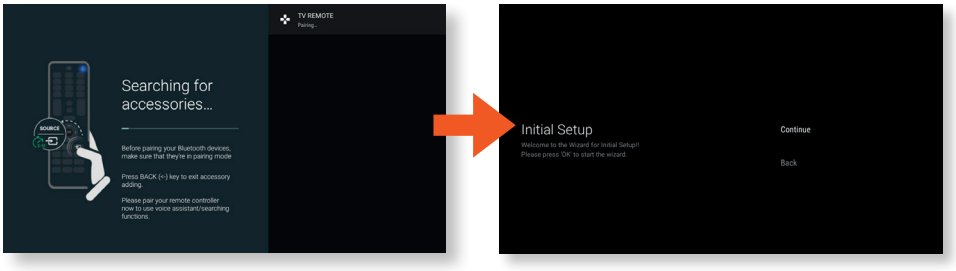
Choosing your language, Country and Pairing your Remote Control

The first time you switch your TV on it will automatically be in the initial setup mode. This will guide you through the whole setup process of, selecting your desired language, country, paring your remote control connecting to the internet, signing in to your Google account and tuning in TV channels.

1. Select your Language, ENGLISH should already be highlighted then press the **OK** button to continue.
2. Select your Country, UNITED KINGDOM should already be highlighted then press the **OK** button to continue.



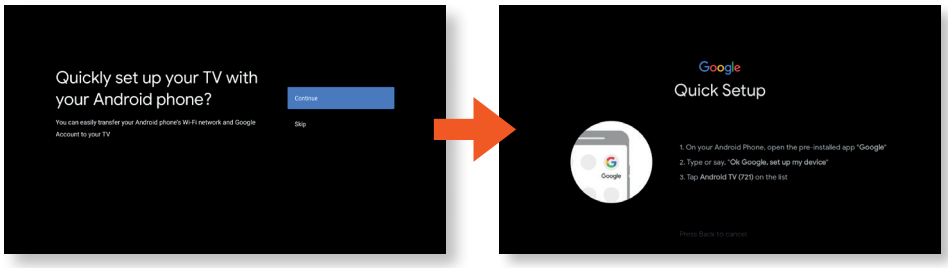
3. Now you'll see the Initial Setup, CONTINUE should already be highlighted press the **OK** button to continue.
4. Now you will need to pair your remote control to your TV. Press and hold the **SOURCE** button for between 5-15 seconds.
5. When you see your remote on the right side on the screen highlight it and press **OK**. Your remote will now pair with your TV.


TV REMOTE
Pairing...
Searching for accessories...
Before pairing your Bluetooth devices, make sure that they're in pairing mode
Press BACK (←) key to exit accessory adding
Please pair your remote controller now to use voice assistant/searching functions.
Initial Setup
Welcome to the Wizard for Initial Setup!!
Please press 'OK' to start the wizard.
Continue
Back

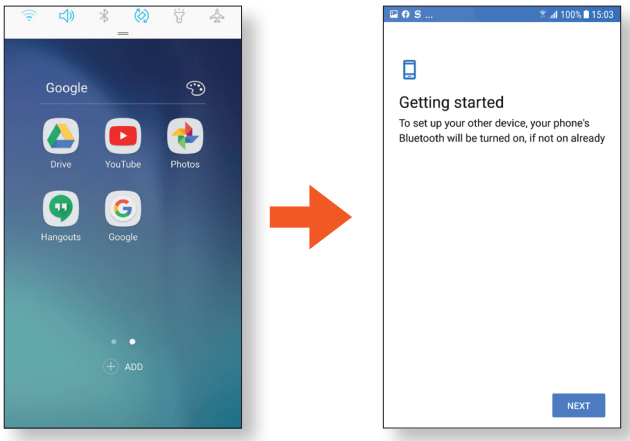
Setting up your TV using your Android Phone

The quickest way to setup your TV is by using your Android phone. Your Google account details will be copied from your Android phone to your TV. If you don't have an Android phone you can also setup your TV using the remote control. To setup using remote control refer to 'setting up using a your Remote control'.

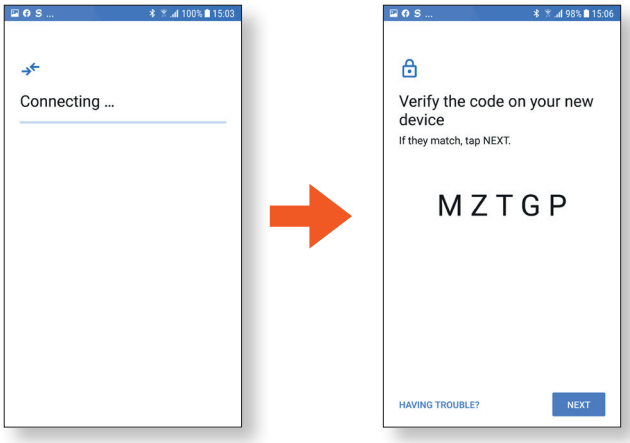
1. If you have an Android phone you can setup your TV using it. If not then highlight SKIP and press **OK**.



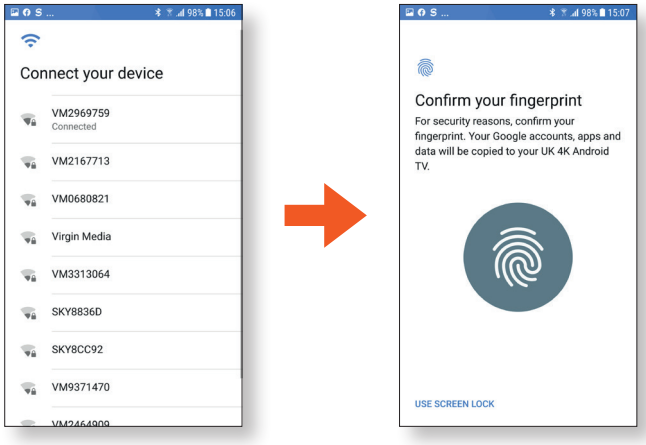
2. On your Android phone open the Google App.
3. Select NEXT.

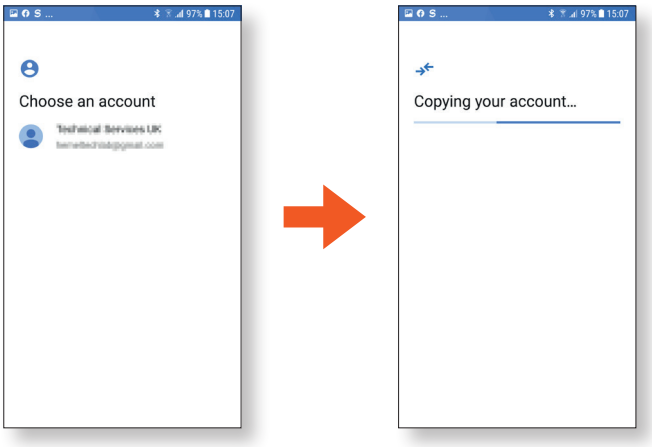


4. Your phone will now start connecting to your TV.
5. A code will appear on your phone, check its the same as the code on your TV and select NEXT.



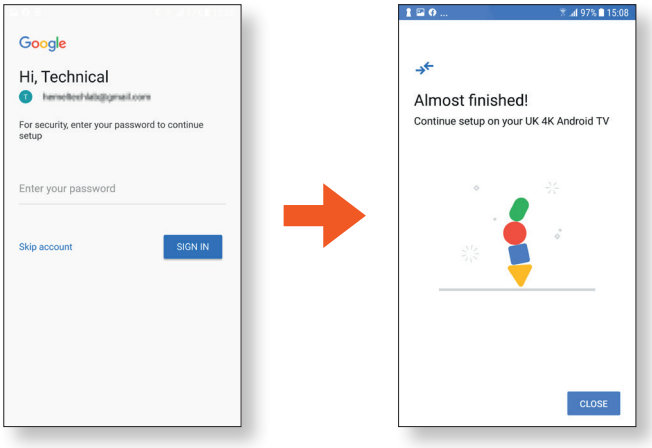
6. Select your WiFi connection.
7. Confirm your fingerprint.





8. Choose your Google account.

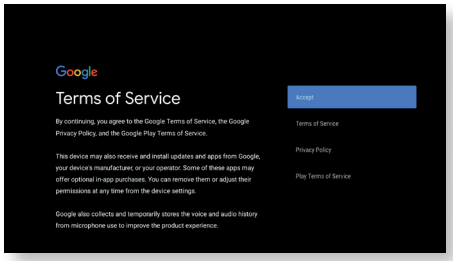
9. Your account will now be copied to your TV.



10. Enter your account password and select SIGN IN.

11. Now continue setup on your TV.

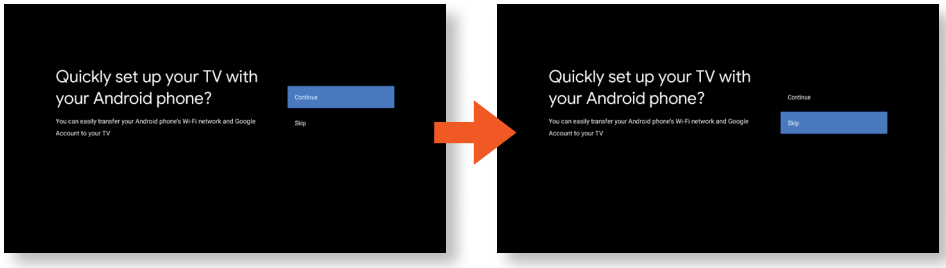
Now go to the Confirm 'Terms of Service' and Google Setting section on page 21.



Setting up your TV using your Remote Control

When setting up your TV for the first time you'll be given 2 choices of how you would like to setup your TV. The first choice is to setup using your Android phone so you'll have to SKIP this. The second choice is setup using the remote control. If you don't have an Android phone then this is the option you need.

1. To setup using your Remote Control first you will need to skip the setup with your Android phone option. Highlight SKIP and press **OK**.



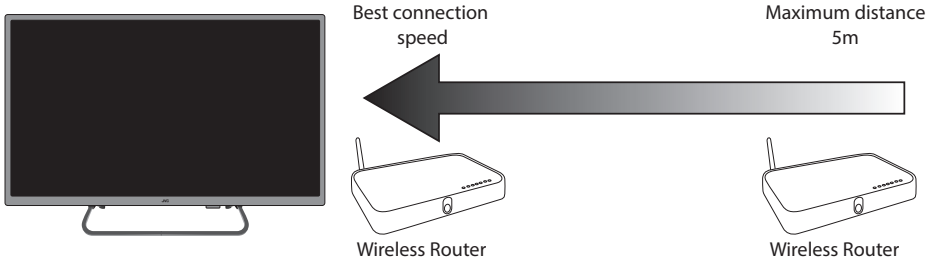
You'll now be asked to setup your WiFi so make sure your ethernet cable is connected if you're using on and if not make sure you have your WIFI password.

WIRED Connection

- If you have connected your ethernet cable to the LAN socket on the back of your TV, your TV will automatically connect to the internet.

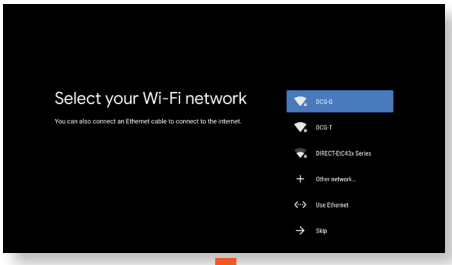
WIRELESS Connection

- You can connect using a wireless connection via your router.



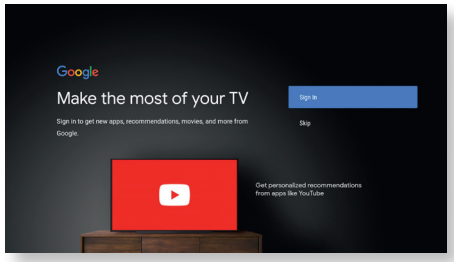
Make sure your TV is as close to your router as possible, within 5m and ideally in the same room as the TV

2. Your TV will automatically scan for your wireless network, then show you a list of networks that its found. Highlight your network and press the **OK** button.



3. Enter your Wi-Fi password, then highlight and press the **OK** button. In a second or two your TV will show 'Connected to the Internet'.

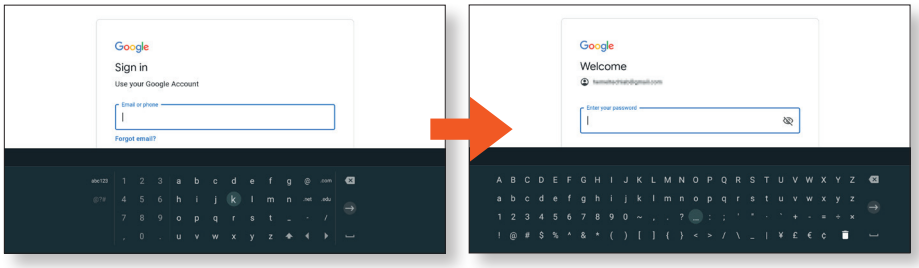
4. To sign in to your Google account highlight SIGN IN the press the **OK** button.


Google
Make the most of your TV
Sign in to get new apps, recommendations, movies, and more from Google.
Sign In
Skip
Get personalized recommendations from apps like YouTube

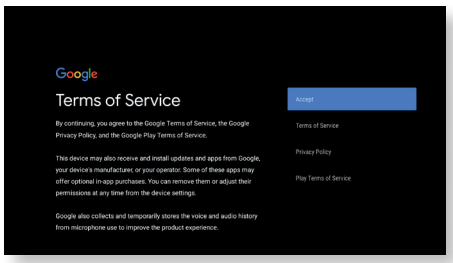
Sign in to your Google Account

If you already have a Google account you can sign in here using your remote control and the onscreen keyboard. You can always use a wireless keyboard if you have one, it will speed up the process.

5. Enter your Email address or phone number, then highlight ⊖ and press **OK**.
6. Enter your PASSWORD, then highlight ⊖ and press **OK**.



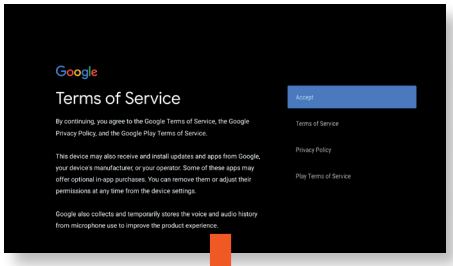
Now go to the Confirm 'Terms of Service' and Google Setting section on page 21.


Google
Terms of Service
By continuing, you agree to the Google Terms of Service, the Google Privacy Policy, and the Google Play Terms of Service.
This device may also receive and install updates and apps from Google, your device's manufacturer, or your operator. Some of these apps may offer optional in-app purchases. You can remove them or adjust their permissions at any time from the device settings.
Google also collects and temporarily stores the voice and audio history from microphone use to improve the product experience.
Accept
Terms of Service
Privacy Policy
Play Terms of Service

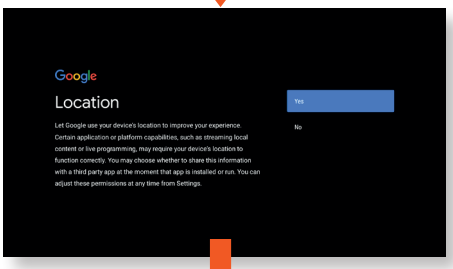
Confirm 'Terms of Service' and Google Setting

You now need to choose your Android setting

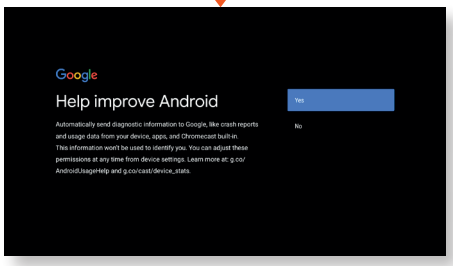
1. Highlight ACCEPT and press **OK**, if you agree to the Google Terms of Service, the Google Privacy Policy and Google Play Terms of Service.


Google
Terms of Service
By continuing, you agree to the Google Terms of Service, the Google Privacy Policy, and the Google Play Terms of Service.
This device may also receive and install updates and apps from Google, your device's manufacturer, or your operator. Some of these apps may offer optional in-app purchases. You can remove them or adjust their permissions at any time from the device settings.
Google also collects and temporarily stores the voice and audio history from microphone use to improve the product experience.
Accept
Terms of Service
Privacy Policy
Play Terms of Service

2. Select if you want Google to use your location or not by highlighting YES or NO and pressing **OK**.

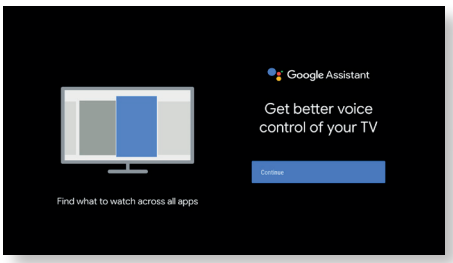

Google
Location
Let Google use your device's location to improve your experience. Certain application or platform capabilities, such as streaming local content or live programming, may require your device's location to function correctly. You may choose whether to share this information with a third party app at the moment that app is installed or run. You can adjust these permissions at any time from Settings.
Yes
No

3. Select if you want Google to be sent diagnostic information or not by highlighting YES or NO and pressing **OK**.

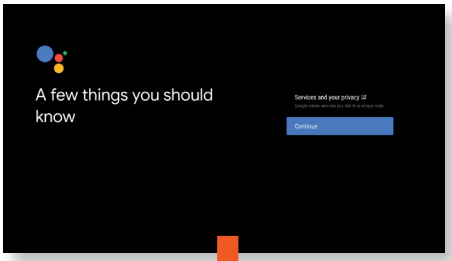

Google
Help improve Android
Automatically send diagnostic information to Google, like crash reports and usage data from your device, apps, and Chromecast built-in. This information won't be used to identify you. You can adjust these permissions at any time from device settings. Learn more at: g.co/AndroidUsageHelp and g.co/cast/device_stats.
Yes
No

3 Initial Setup

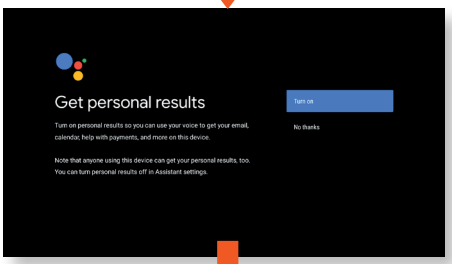
4. You'll now see examples of Google Assistant can do for you, press **OK** to continue.



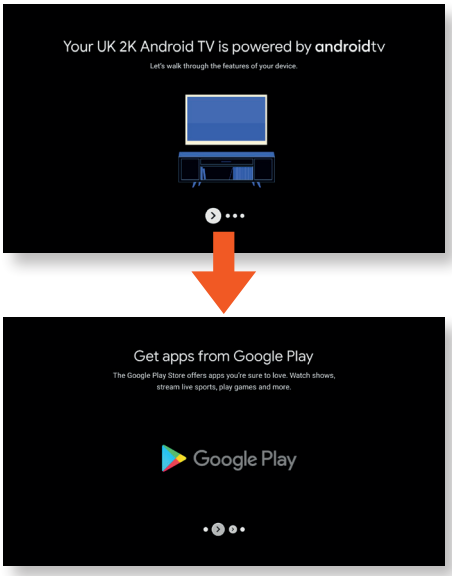
5. You can read the Service and your privacy notice by highlighting SERVICE AND YOUR PRIVACY and then pressing **OK** or Continue by pressing **OK**.



6. Select if you want to switch personal results on or not and press **OK**.


Get personal results
Turn on personal results so you can use your voice to get your email, calendar, help with payments, and more on this device.
Note that anyone using this device can get your personal results, too. You can turn personal results off in Assistant settings.
Turn on
No thanks

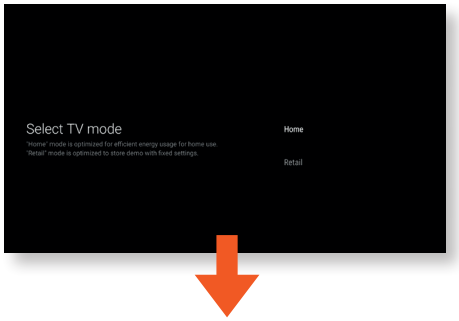
7. Press ▶ to scroll through the information then press **OK**.


Your UK 2K Android TV is powered by androidtv
Let's walk through the features of your device.
Get apps from Google Play
The Google Play Store offers apps you're sure to love. Watch shows, stream live sports, play games and more.
Google Play

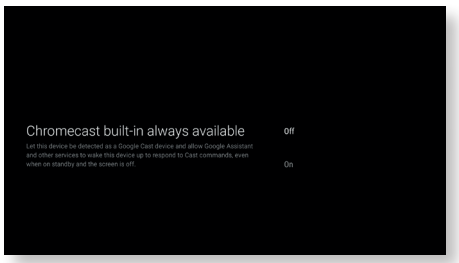
TV Setup

You now need to select Home mode and choose if to allow access to the built-in Chromecast.

1. Highlight the Home TV mode then press **OK**.



2. Select if you would like to allow the built-in Chromecast to be always available or not then press **OK**.



Selecting Chromecast ON may increase your TV energy consumption, you will be prompted if you want to continue or not.

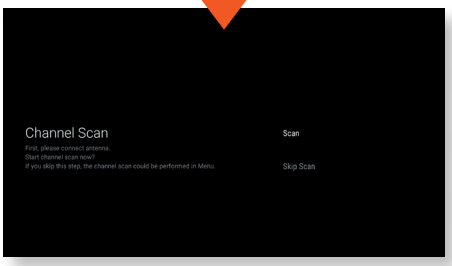
Tuning in your TV

You now need to tune in your TV.

1. Make sure your aerial is connected and then highlight AERIAL and press **OK**.

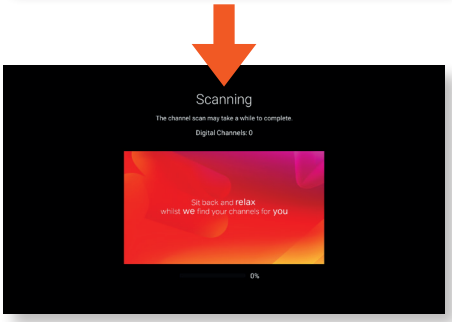
Make sure you have connected your aerial before tuning in your TV.

2. Highlight SCAN then press **OK**.



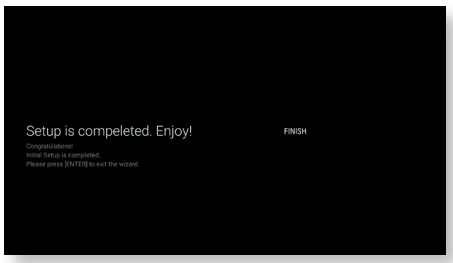
If you View TV Through a Set Top Box
If you have attached a Set top box such as **Sky/Virgin** or **BT** via a HDMI cable then highlight SKIP SCAN and press **OK**. This will mean your TV will not try to tune any channels in and will got straight to the Home page. To view your set top box select the Input that you have connected it to.

3. Your TV will now start to scan for all available TV channels. A video will play while its scanning.

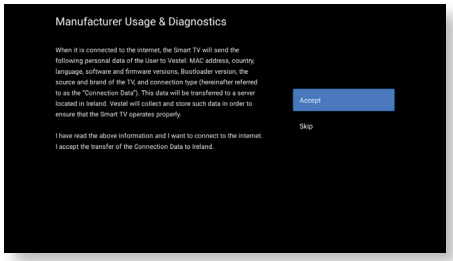

Scanning
The channel scan may take a while to complete.
Digital Channels: 0
Sit back and relax
whilst we find your channels for you
0%

3 Initial Setup

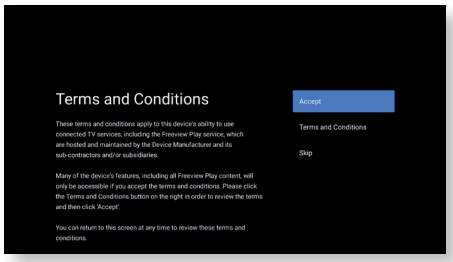
4. Once the scan is complete highlight FINISH and press **OK**.



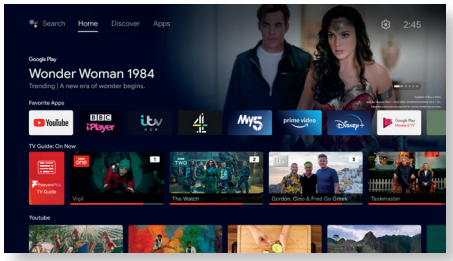
5. Accept the MANUFACTURER USAGE & DIAGNOSTICS by pressing **OK**.



6. Accept the TERMS AND CONDITIONS by pressing **OK**.

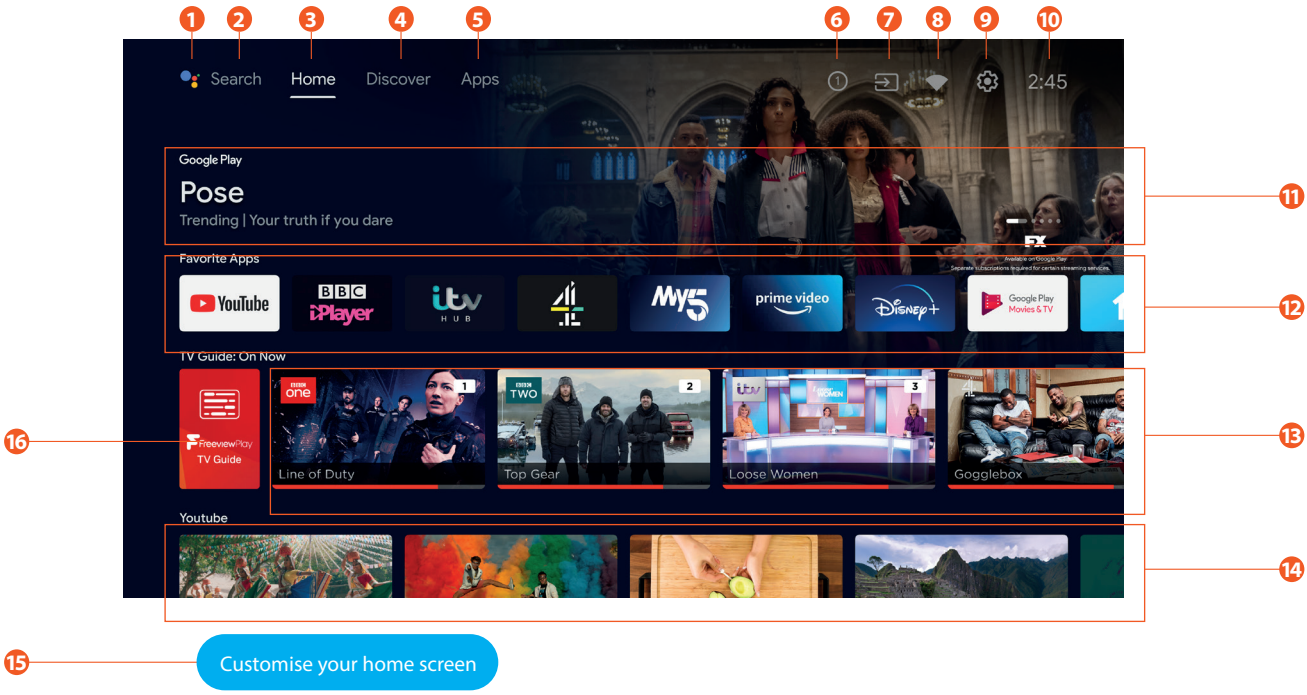


7. Wait a few moments and you're all set-up.



Home Screen Overview

Once you have setup your TV, the first screen you will see will be the Home screen. This is the screen where you can access all your TVs content. It will also start to show recommendations for you over time.

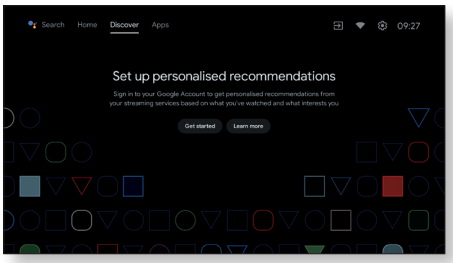


Item		Description
1	**Google Assistant**	This is your Google Assistant, you can also access the Google Assistant by pressing the same button on the remote control.
2	**Google Search**	Here you can type what you're looking for, and Google will search for you.
3	**Home**	The Home tab show the Home screen.
4	**Discover**	The Discover tab helps you find new and exciting content with personalized recommendations across your streaming services.
5	**Apps**	The Apps tab shows all the installed apps that you have downloaded, or you can find more apps and games by opening the Google Play store and downloading them.
6	**Notifications**	The number indicates how many notifications you have. Click on the number to read the notifications.
7	**Inputs**	Click on Inputs to display the inputs list and choose an input from the list.
8	**Network**	Click on Network to see if you're connected to a network and to enter the Network & Internet menu.
9	**Settings**	Click on Settings to see the Settings menus.
10	**Current Time**	Displays the current time.
11	**Trending Content**	This is content that's advertised to you, click to view more information or watch the content.
12	**Favourite apps**	This shows your favourite apps. More can be added by scrolling to the end and selecting Add app to favourites.
13	**On Now**	The On Now row displays a list of programmes that are currently being aired. The orange bar at the bottom of each programme indicates how far through the programme you are.
14	**Pre-installed apps**	Click on the content from each row or scroll down and select any of the pre-installed apps (some app may require paid subscription) so you can search and play content.
15	**Customise your home screen**	If you scroll down to the bottom of the home screen you'll find Customise your home screen. Here you can customise the content that's displayed on your home screen, and also adjust the Play Next settings.
16	**TV Guide**	Click on TV Guide to display the TV Guide, where you'll see a list of all the TV channels and programmes.

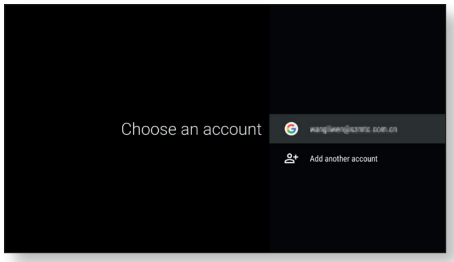
Discover Tab

The Discover tab helps you find new and exciting content with personalized recommendations across your streaming services. Recommendations are based on what you've watched in the past and your interests from your Google account, or from trending and popular content in your region. The tailored suggestions are organized into topics and genres making it easier to find your next favorite movie or show.

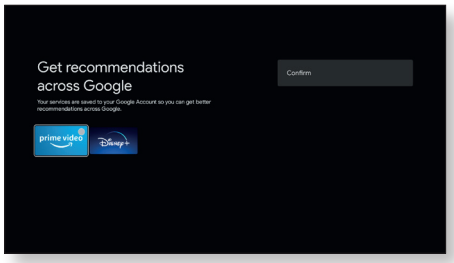
1. Navigate to the DISCOVER tab. The first time you select Discover you will see 'Set up personalised recommendations'. Select GET STARTED and press **OK**.

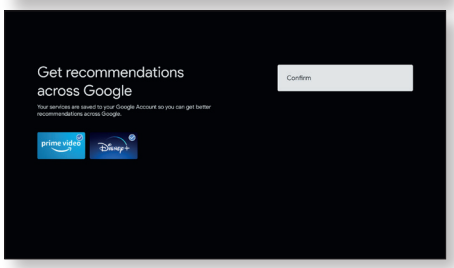


2. Now you need to choose your account. Hightlight your account and press **OK**. If you want to add another accoout then select ADD ANOTHER ACCOUNT.

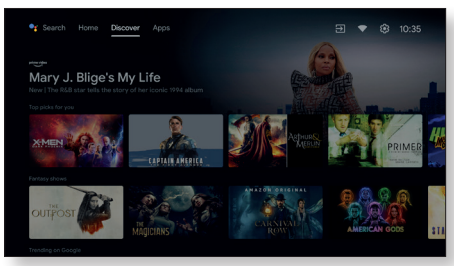


3. You will now see all the services that are saved in your Google account. Highlight the service you want to add and press the **OK** button to select it. Once you have selected all the services you'd like to add highlight CONFIRM and press **OK**.





4. The Discover tab will now populate with recommended content from your selection. The first row shows the 'Top picks for you' and the following rows are organised in genres.

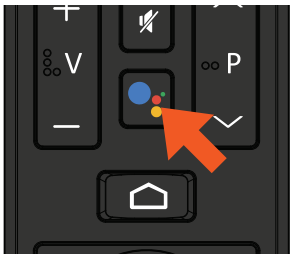


Google Assistant

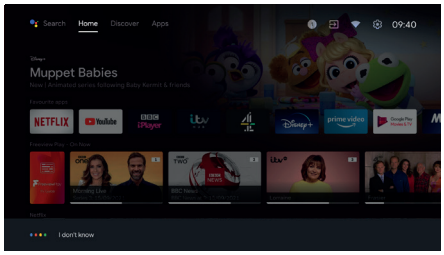
Having Google Assistant built-in to your TV means that you can use Google to control your TV. Its the simplest way of controlling your TV, with one simple button press and speaking to Google, like "Hey Google, Tune to Channel 1'. Your TV will automatically switch to BBC 1 so you can watch Live TV.

Your TV must be connected to the internet to use the **Google Assistant** button and your remote control must be paired with your TV.

1. With the TV switched on, press the **GOOGLE ASSISTANT** button. The LED on the remote control will flash.



2. Wait a second or two and when you see the colours bars speak into the remote.



The microphone is at the top of your remote control.

Try saying...

Speak into the remote control when you see the coloured bars.

In this example say "Switch to BBC 1".

3. Your TV will now switch to BBC1.

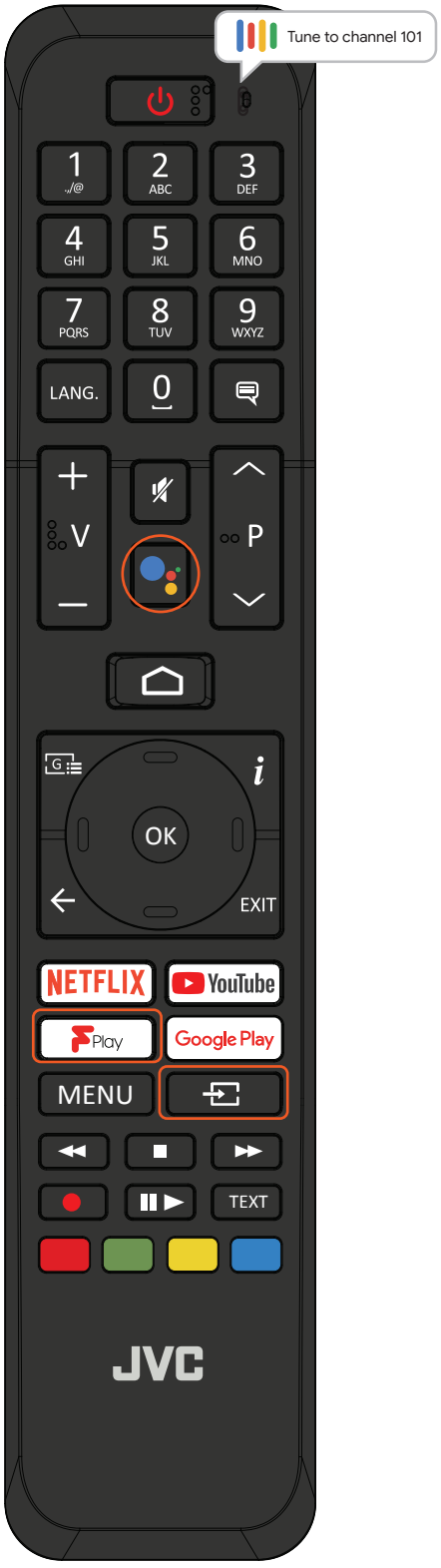
Things to try

Here's a list of things to try with Google Assistant. Remember to wait for the colours bars before speaking.

- "Open [app name]"
- "Find [content name – e.g. Jack Ryan] "
- "Switch off"
- "Set volume to [number between 0-100]"
- "Volume up/down"
- "Launch TV Guide"
- "Play [music playlist or artist name]"
- "What's the weather tomorrow?"
- While streaming content "Play, Pause, Fast Forward, Fast Forward by [xx] seconds, Rewind, Stop"

Selecting Live TV

Live TV refers to channels that have been tuned in via an aerial connection. If you watch Live TV via a Set-Top box such as Sky or Virgin that will be controlled via your Set-Top boxes remote.



There are multiple ways to select Live TV. You can ask your TV by using Google Assistant, or press the **INPUT** or **FPLAY** buttons on the remote or choose from the ON NOW row on the Home screen.

Selecting Live TV using Google Assistant

You can use Google Assistant to select Live TV. Try asking to watch a specific channel number e.g. 101.

- Press the **GOOGLE ASSISTANT** button and say "tune to channel ... ". Your TV will then switch over to your desired channel number.

Selecting Live TV using the Input button

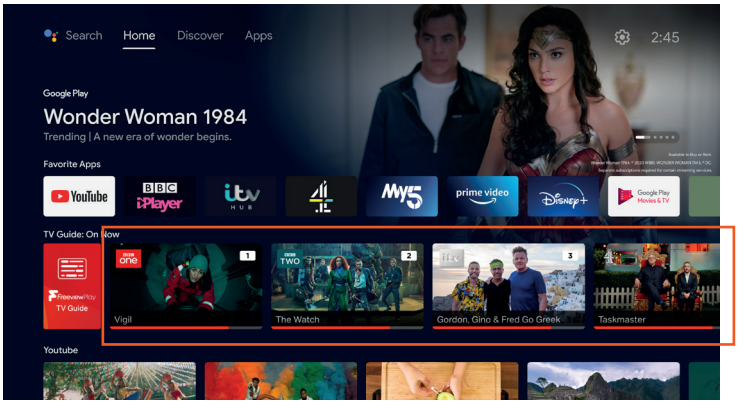
- Press the **INPUT** button on the remote control and your TV will switch to Live TV. It will show the last channel you had been watching.

Selecting Live TV using the FPlay button

- Press the **FPLAY** button on the remote control and your TV will switch to Live TV. It will show the last channel you had been watching. It will also display an ON NOW list at the bottom of the screen. Press the **BACK** button to remove the ON NOW list.

Selecting Live TV from the Home Screen

- While viewing the Home screen select any of the content from the Freeview Play ON NOW section. This is all live TV content.



Channel Selection

There are 3 ways to change the channel.

- Press the **PROGRAMME ▲▼** buttons on the remote control.
- Press the **0-9** buttons to enter the channel number.
- Use Google Assistant, press the **GOOGLE ASSISTANT** button and say "Tune to channel ..."

Volume Adjustment

There are 2 ways to change the volume on your TV.

- Press the **VOLUME +** or **–** button on the remote control.
- Use Google Assistant, press the **GOOGLE ASSISTANT** button and say "Volume up or down" this will change the volume by a set amount. The volume will increase or decrease in increments of 10. You can also say a specific volume level, say "Volume 20" and your TV will adjust the volume to level 20.

Muting the Volume

There are 2 ways to mute the volume on your TV.

- Press the **MUTE** button on the remote control the volume will mute.
- Use Google Assistant, press the **GOOGLE ASSISTANT** button and say "Mute volume" the volume will mute.
- To un-mute the TV press the **MUTE** or **VOLUME** buttons. You can also use Google Assistant by saying "Volume up" or ask for a specific volume level.

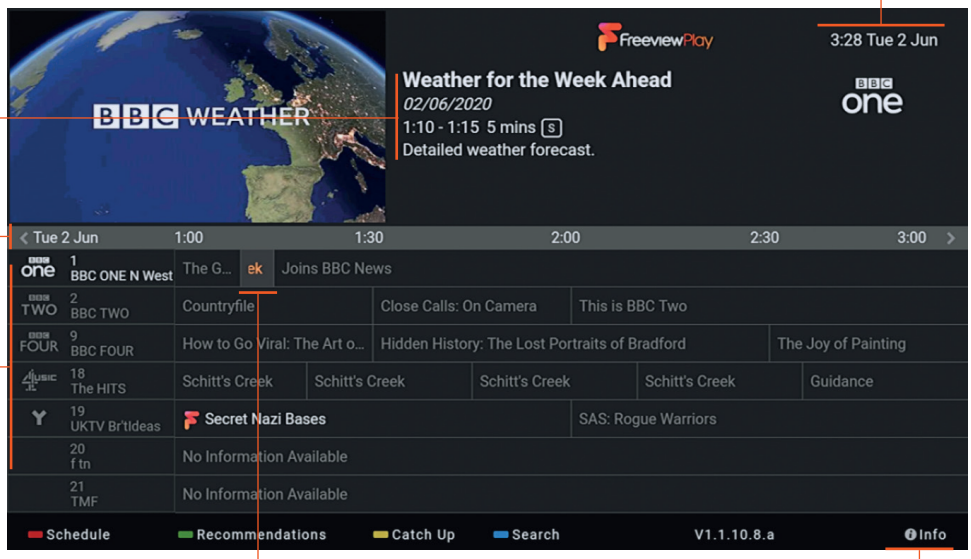
Live TV Guide

The Guide is to help you navigate through all the possible Live TV viewing options.

The Guide supplies information such as programme listings, start and end times for all available services. In addition, detailed information about the programme is often available in the Guide (the availability and amount of programme information will vary, depending on the particular broadcaster).

This function can be used only when the Guide information is broadcast by broadcasting companies.

The Guide displays the programme details for the next 7 days.



- Current programme being viewed.
- If you see the 'F' symbol this means the programme is available to watch on catchup, so you can watch it from the beginning.

Info
Press the **INFO** button to access programme information.

Accessing the Guide Using the Remote

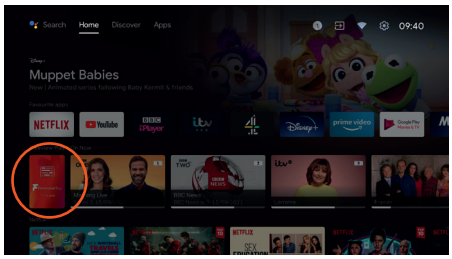
There are many ways to access the Guide. It can be accessed by pressing the **GUIDE** button on the remote control or by using Google Assistant by saying 'Show the TV Guide'.

- To exit the Guide press the **BACK** button.

Accessing the Guide From the Home Screen

To access the Guide from the Home Screen, highlight FREEVIEW PLAY TV GUIDE and press **OK**.

- To exit the Guide press the **BACK** button.



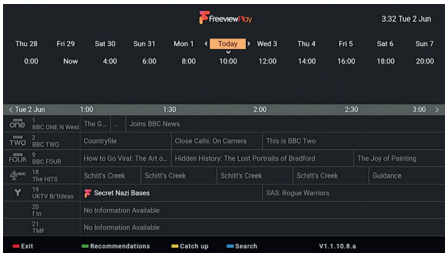
Selecting a Programme from the Guide

- Press the ▲▼◀▶ buttons to select the desired programme. Press the **OK** button and your TV will switch to your selected programme.

Selecting a Day in the Programme Guide

You can select any day to view 7 days before or after the current day using the Schedule option.

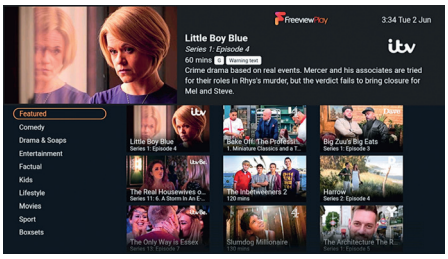
1. While viewing the Guide press the **RED** button.
2. Press the ◀▶ buttons to scroll to your desired day.
3. Press the ▼ button to select the time then press the OK button. The guide will now display the programmes for your chosen day and time.



Recommended Programmes

While viewing the Guide press the **GREEN** button. Scroll down the list or categorises to see recommended programmes for each category. Select the programme that you wish to view.

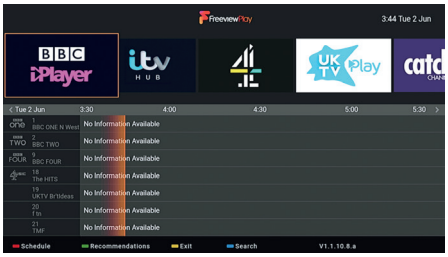
- Press the **BACK** button to return to the Guide.



Catch up Services

If you would like to search for content in a particular catch up then press the **YELLOW** button. Then press the ◀▶ buttons to scroll to your desired catch up service and press **OK** to enter it.

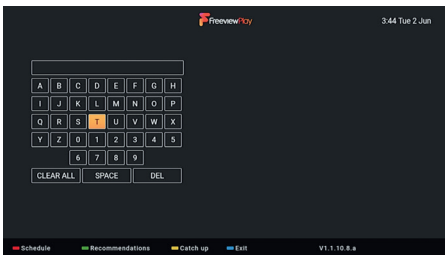
- Press the **YELLOW** button again to exit the Catch up search and return to the Guide.



Searching for a Programme in the Guide

If you would like to search for a specific programme you can search for it by typing in the programme name. Press the **BLUE** button. Then start typing the programme name, as you type a list will start to appear.

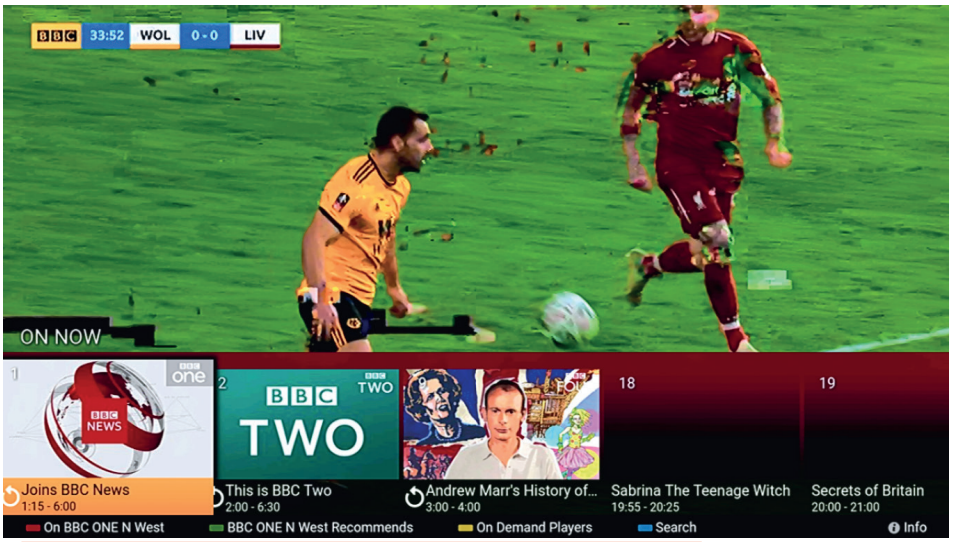
- To view the programme you have search for, highlight the programme in the list and press **OK**. The catch up service will open and your programme will be displayed.



1. While watching a TV channel press the **LIVE TV** button. Programme information will be displayed.
2. Press the ▼ button and the Mini Guide will appear. The top line of the Mini Guide shows a list of channels, your current channel will be highlighted.

Freeview Play ON NOW Guide

Press the **FPLAY** button to access the ON NOW guide. Here you will be able to see what's on while still


BBC 33:52 WOL 0-0 LIV
ON NOW
Channel List
Programme List, shows the next programmes to air
Joins BBC News 1:15 - 6:00
This is BBC Two 2:00 - 6:30
Andrew Marr's History of... 3:00 - 4:00
Sabrina The Teenage Witch 19:55 - 20:25
Secrets of Britain 20:00 - 21:00
On BBC ONE N West
BBC ONE N West Recommends
On Demand Players
Search
Info

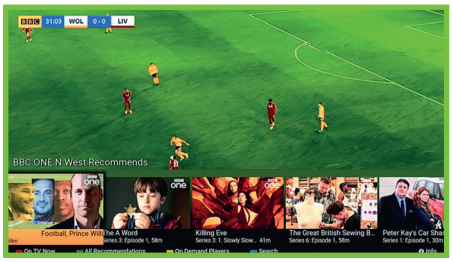
This row is the On Now row, it shows you all the programmes that are currently on. Scroll along the row to see all the available programmes, press **OK** to view one. Press the **COLOURED** buttons to see the below options.

On [TV channel selected] | **[TV channel selected] Recommends** | **On Demand Players** | **Search**

On [TV channel selected]

Scroll and highlight a channel then press the **RED** button and you will see all the programmes available on your highlighted channel.

[TV channel selected] Recommends

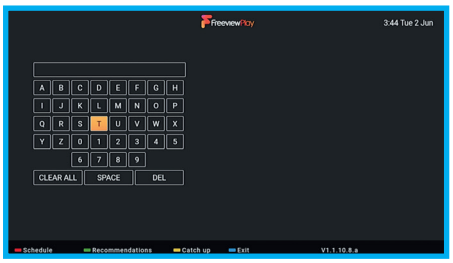


Scroll and highlight a channel then press the **GREEN** button and you will see recommended programmes on your highlighted channel.

On Demand Players

Press the **YELLOW** button and you will see all the On Demand Players.

Search

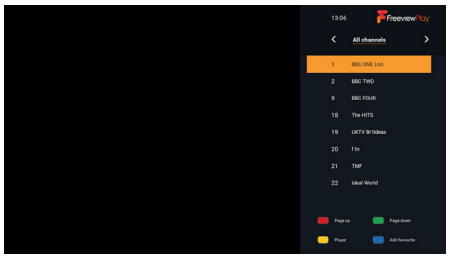


Press the **BLUE** button and you will be able to search for a programme.

Channel List

The Channel list show a list of all TV and Radio channels/stations that are available on your TV.

1. To access the CHANNEL LIST press the **OK** button while watching a TV channel.
2. To view a channel from the list scroll up or down the list, highlight your chosen channel and press the **OK** button.
3. Press the **RED** and **GREEN** buttons to scroll a page at a time, to make finding a channel quicker.



Selecting More Content from the On Demand Players

If you can't find what you're looking for in the Channel list then by pressing the Yellow button you can access all the available On Demand Players, where you can search for extra content.

1. While viewing the Channel List press the **YELLOW** button. The ON DEMAND PLAYERS menu will be displayed.
2. Highlight your desired ON DEMAND PLAYER and press the **OK** button to access it.

Adding a Channel to Your Favourites List

If you watch a few channels regularly you can add them to a favourite list so they are easy to find.

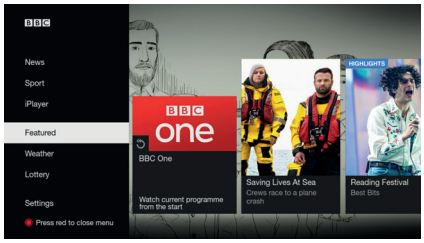
1. Highlight the channel then press the **BLUE** button. A heart will appear next to the channel to show its been added as a favourite.
2. If you want to remove a channel from your favourites list simply highlight it and press the **BLUE** button, the heart symbol will disappear.
3. To access your Favourites list press the ▶ button and the FAVOURITES LIST will be displayed.

Red Button + (Interactive services)

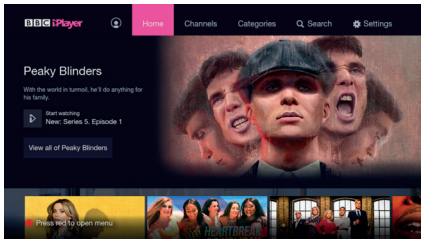
Red button + services are available on BBC TV and Radio channels. The services are gradually changing to an internet based service rather than the conventual over air (though your aerial). To make the most out of the Red Button + services make sure your TV is connected to the internet. You can also access BBC iPlayer through RED button +.

Accessing the Information

1. While watching Live TV press the **TEXT** button to display the main information page.
   You may see slightly different looking pages depending if your TV is accessing the page over air or via the internet.



Internet Red Button + Services



iPlayer via the Red Button + Services

2. Follow the instructions on the interactive services page and move around the page by pressing ▲◀▶▼ , **SELECT**, **RED**, **GREEN**, **YELLOW**, **BLUE** or **0-9** buttons etc.

To change digital teletext services, you will need to exit the current text service and change channels. Then enter the text service on the newly selected channel.

Alternative

You may press the **RED** button to display the interactive services information when you see a red "press ●" logo in the top right corner of the screen (e.g. BBC services). This will now display the Red Button menu and available information categories.

To access the pages, use navigation buttons to highlight item required and press the **SELECT** button to select.

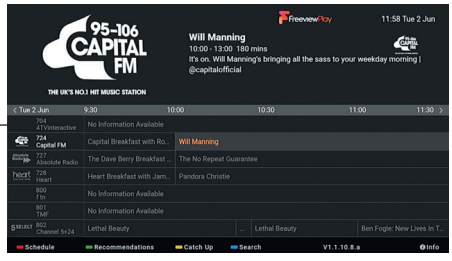
Follow on screen prompts for other functions.

3. Press **TEXT** to exit.

Listening to the Radio

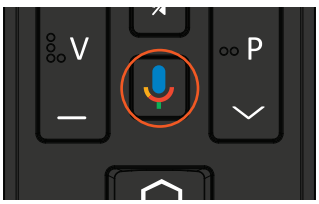
You can listen to radio stations through your Live TV or by asking Google Assistant to play a radio station.

1. While watching Live TV Press the **GUIDE** button. Navigate to a radio station, they are usually towards the end of the Guide in channel numbers 700+.



Alternative

Ask Google Assistant, press the **GOOGLE ASSISTANT** button and ask for a radio station.

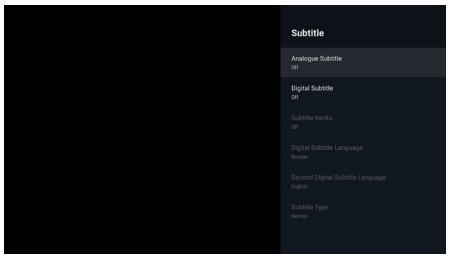


Viewing Channels with Subtitles

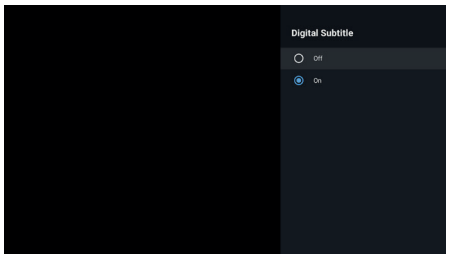
While you are watching live TV you can select subtitles by pressing the **SUBTITLE** button.

You'll find more Subtitle options in the Accessibility menu where you are able to customise the text size, font and much much more.

1. Press the **SUBTITLE** button, the SUBTITLE menu will be displayed.
2. Press the ▼ button to highlight DIGITAL SUBTITLE and press **OK**.



3. Press the ▼ button to highlight ON and press **OK**.



4. In a few seconds the subtitles will appear on the screen.
5. To switch Subtitles off repeat the process but select OFF.

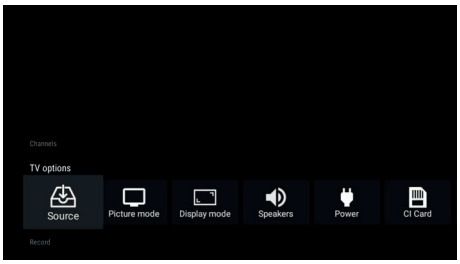
Customising TV Settings

Adjusting the Picture Settings

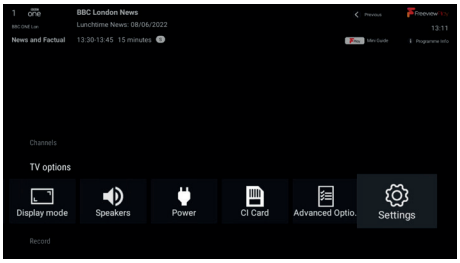
You can adjust the picture settings separately for each source.

Selecting Picture Settings

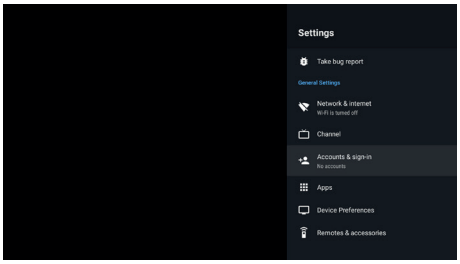
1. First select the source that you wish to adjust the picture settings of.
2. Press the **MENU** Button.



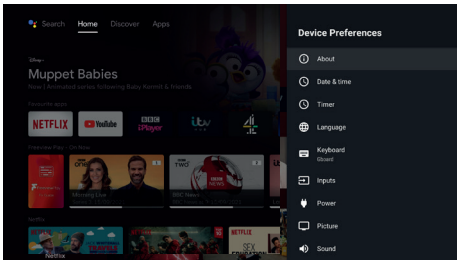
3. Scroll across to SETTINGS and press **OK**.



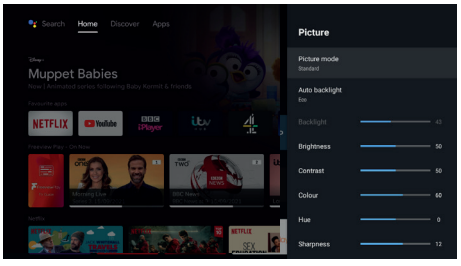
4. The SETTINGS menu will open, Scroll down to DEVICE PREFERENCES and press **OK**.



5. Scroll down to PICTURE and press **OK**.



6. The Picture menu will appear on the right hand side of the screen.



Picture Settings Table

The following table show all the available picture setting adjustment on your TV. Not all of these setting apply to all Inputs.

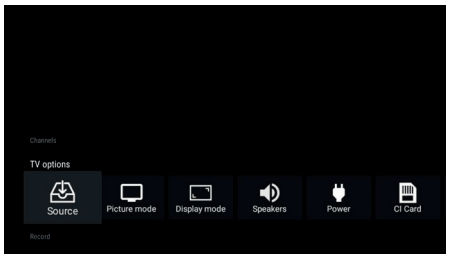
Picture Mode	Your TV has some pre-set picture modes: STANDARD - VIVID - SPORT - MOVIE - GAME. The default setting is STANDARD. You can also manually adjust the picture by choosing USER.	
Auto Backlight	The Auto Backlight setting in set to Eco as default, but it can also be changed to OFF - LOW - MIDDLE - ECO.	
Backlight	To access Backlight you must first switch off Auto Backlight. Increases or decreases the brightness of the backlight from 0 - 100.	
Brightness	Increases or decreases the picture brightness from 0 - 100.	
Contrast	Increases or decreases the picture contrast from 0 - 100.	
Colour	Increases or decreases the colour from 0 - 100.	
HUE	Increases or decreases the hue from 0 - 100.	
Sharpness	Increases or decreases the picture sharpness from 0 - 20.	
Gamma	Choose from Dark, Middle (standard) or Bright. Highlight your desired setting then press **OK**.	
Colour Temperature	The colour temperature setting has 4 preset settings USER - COOL - STANDARD - WARM, when selected each of these settings has individual adjustments. Red, Green and Blue gain can all be adjusted from -100 to 100.	
Advanced Video	Select to have more advanced adjustments to your TVs picture.	
	DNR (Dynamic Noise Reduction)	Dynamic Noise Reduction has 5 different setting OFF - LOW - MEDIUM - STRONG - AUTO. The default setting is MEDIUM. Highlight your desired setting then press **SELECT**.
	MPEG NR (Noise Reduction)	MPEG Noise Reduction has 4 different setting OFF - LOW - MEDIUM - STRONG. The default setting is MEDIUM. Highlight your desired setting then press **SELECT**.
	Adaptive Luma Control	Adaptive Luma Control has 4 different setting OFF - LOW - MEDIUM - STRONG. The default setting is MEDIUM. Highlight your desired setting then press **SELECT**.
	DI Film Mode	DI Film mode has 2 setting AUTO and OFF. The default setting is OFF. Highlight your desired setting then press **SELECT**.
	Blue Stretch	Blue Stretch can be switched ON or OFF.
	Game Mode	Game Mode can be switched ON or OFF.
	PC Mode	PC Mode can be switched ON or OFF.
	HDMI RGB Range (HDMI input only)	HDMI RGB Range has 3 different settings AUTO - FULL - LIMIT. The default setting is AUTO. Highlight your desired setting then press **SELECT**.
Colour Tuner	Colour Tuner can be switched on and off by selecting ENABLE ON or OFF. Then you have 5 separate setting that can be individually adjusted. HUE - SATURATION - BRIGHTNESS - OFFSET - GAIN.	
11 Point Colour Correction	This setting enables you to calibrate the white balance of your TV. With 11 Point Colour Correction enabled, you can adjust Gain from 5% to 100% and also adjust the Red, Green and Blue levels.	
Reset to Default	Resets all setting to factory default settings.	

Adjusting the Sound Settings

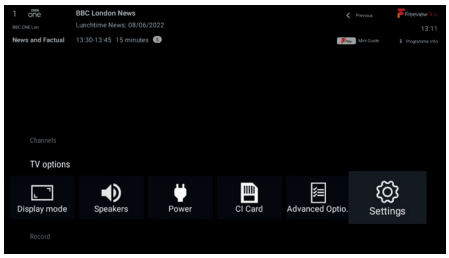
You can adjust the sound settings separately for TV and Composite sources, if you adjust the sound setting on one HDMI source it will adjust all 4 HDMI sources.

Selecting Sound Settings

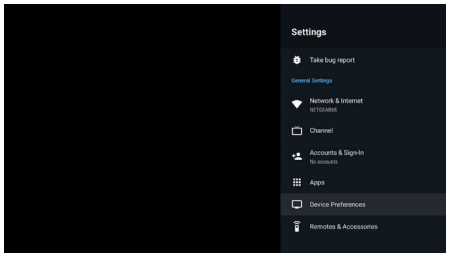
1. First select the source that you wish to adjust the picture settings of.
2. Press the **MENU** Button.



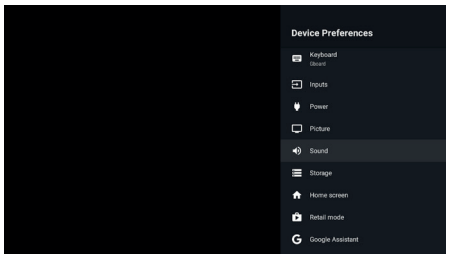
3. Scroll across to SETTINGS and press **OK**.



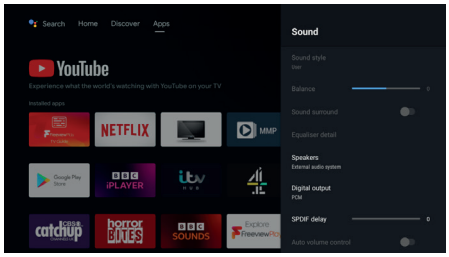
4. The SETTINGS menu will open, Scroll down to DEVICE PREFERENCES and press **OK**.



5. Scroll down to SOUND and press **OK**.



6. The Sound menu will appear on the right hand side of the screen.



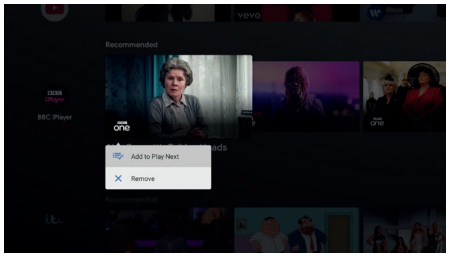
The following table show all the available sound setting adjustment on your TV.

Sound Style	Sound Mode has 7 different settings USER - STANDARD - VIVID - SPORTS - MOVIE - MUSIC - NEWS. The default setting is Standard. Highlight your desired setting then press **OK**.
Balance	The speaker balance can be adjusted from a setting of -50 to 50. -50 will set the speaker balance totally to the left speaker, 0 is the central position and 50 will set the balance totally to the right speaker.
Sound Surround	Sound surround can be switch on or off. Switching this on will give a surround sound effect.
Equaliser Detail	Equaliser has 5 different settings, 120Hz - 500Hz - 1500Hz - 5000Hz - 10000Hz. Each setting can be adjusted from -50 to 50, the default setting is 0 for all.
Speakers	Select either TV Speakers or External Audio System. External Audio System is selected as default, if you connect an audio system (Soundbar) it will detect this and the TV Speakers will be switched off. Select TV Speakers if you want to listen to sound from your TV only.
Digital Output PCM	Digital Output has 5 different settings AUTO - BYPASS - PCM - DOLBY DIGITAL PLUS - DOLBY DIGITAL. Change this setting to suit the audio device that you have connected to your TV to.
SPDIF Delay	The SPDIF delay can be adjusted from 0 -250. If you have connected an audio device via the optical output you may need to adjust the SPDIF delay so the sound is in time with the picture.
Auto Volume Control	Auto Volume Control can be switched on or off. Switching Auto Volume Control will keep the volume level the constant so when adverts are shown they are not louder than the programme you're watching. Highlight Auto Volume Control and press **OK** to switch it On or OFF.
Downmix Mode	In Downmix Mode you can select Stereo or Surround. If the audio you're listening to has multiple channels of audio it will be downmixed to either Stereo or Surround giving your the best possible sound for the amount of speakers you have.
Dolby Audio Processing	Dolby Audio Processing is switched on as default. Within the Dolby Audio Processing menu you can switch the setting on or off, change the sound mode, switch Volume Leveller on or off, change the Dialogue enhancer modes and turn Surround virtualiser on or off. Switching Dolby Audio Processing off will give you access to more of the setting below.
Reset to Defaults	Resets all setting to factory default settings.

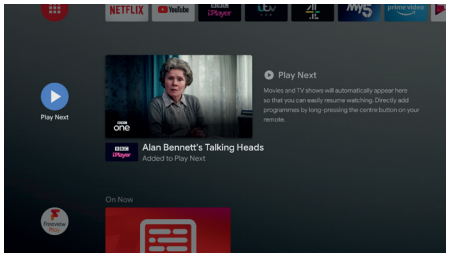
Making a Play Next Row

You can make your own personalised list of content that you would like to watch using the Play Next row. When you select content that you want to watch, you can select to add it to Play Now, this will automatically generate the Play Now row for you and add the content to the Play Next row.

1. First find some content that you would like to add to the Play Next row.
2. With the content selected press and hold the **OK** button. You will now get the option to either ADD TO PLAY NEXT or DELETE.
3. Highlight ADD TO PLAY NEXT and press OK.

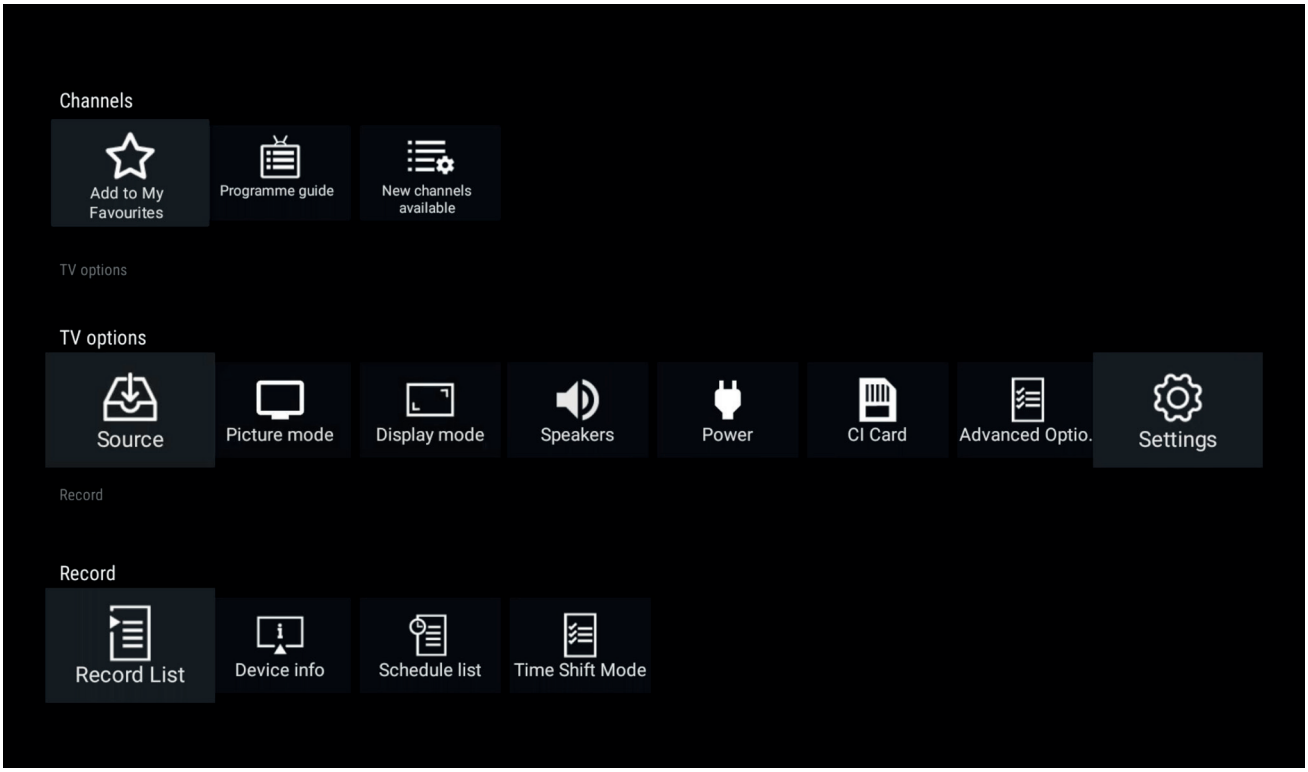


4. The content will now be added to your PLAY NEXT row on the Home screen. If you don't already have a Play Next row, one will be generated.



Live TV Menus - Channels, TV Options and Record

If you need to change or adjust anything while watching Live TV you'll be able to find the required setting via the CHANNELS, TV OPTIONS and RECORD menus simply by pressing the **MENU** button on your remote. When you press MENU the TV OPTIONS row will be displayed, press the ▲ or ▼ buttons to view either CHANNELS or RECORD rows.



Channels	
Add to My Favourite	Highlight ADD TO MY FAVOURITE and press **OK**. This will add the TV channel that you're currently watching to your favourite list.
Program Guide	Highlight PROGRAM Guide and press **OK** to view the Program Guide. This will show you all the program listings and information.
New Channels Available	Add channels such as Google Play Movies & TV to offer more steaming content or search the online store to find apps that offer live content.

TV Options	
Source	Highlight SOURCE and press **OK** to view the Inputs list. • TV • AV • YPbPr • VGA • HDMI 1 • HDMI 2 • HDMI 3
Picture Mode	Highlight PICTURE MODE and press **OK** to view the Picture Modes list. These are just preset setting you can not manual adjust the picture mode here. • User • Standard • Vivid • Sport • Movie • Game
Display Mode	Highlight DISPLAY MODE and press **OK** to view the Display Modes list. Automatic • Automatic • Super zoom • 4:3 • Movie expand 14:9 • Movie expand 16:9 • Wide screen • Full • Unscaled
Speakers	Highlight SPEAKERS and press **OK** to view the Speaker list. External audio system will be the default, this means if you have an external audio device (soundbar) attached it will select to play the audio through that. If you prefer to just use the TV speakers then select TV SPEAKERS in the list. • TV Speakers • External Audio System
Power	• Sleep Timer - Default is OFF, but it can be set to switch off from between 10 - 120 mins. A message will appear on screen before the TV switches off. • Picture Off - Highlight PICTURE OFF and press OK to switch the picture off. Press any other button on the remote control to switch the picture back on again. • No Signal Auto Power Off - Default is 15 mins, but it can be set to switch off between 5 - 60 mins. This is the time your TV will take to switch off if its not receiving a signal.
CI Card	• Select for CI card setting, once a CI card is inserted into the back of the TV. CI Cards are not used in the UK.
Advanced Options	Audio • Audio Language Setup • Blue Mute • Default Channel • Interaction Channel • MHEG PIN Protection • HBBTV Setting • Freeview Play Settings • Subtitle • Teletext • Auto Sleep • System Information • Version Info

6 Settings Menu

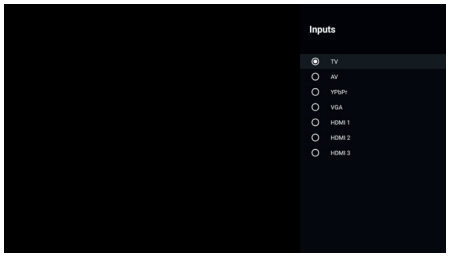
Settings	• Set your device name • Take bug Report • Network & Internet • Channel • Accounts & sign-in • Apps • Device Preferences • Bluetooth Remotes & accessories
Record	
Record List	• Shows a list of all your recordings.
Device Info	• Shows information on the USB storage device that's plugged into the TV.
Schedule List	• Shows a list of all your scheduled recordings.
Time Shift Mode	• Active Time Shift Mode here. Its switched off by default, so if you want to pause live TV then you will have to switch Time Shift Mode ON. A USB storage device must also be connected to one of the USB sockets on the back of your TV.

Inputs Menu

Use the Inputs menu to change between inputs. There are 3 different ways to access the Input menu, see below.

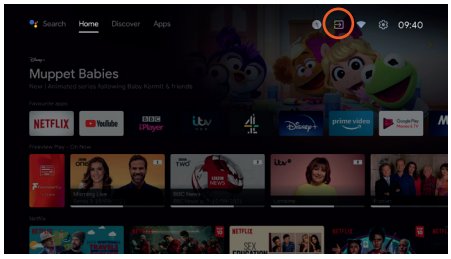
Selecting the Inputs Menu Using the Input Button on the Remote

1. Press the **INPUT** button the Input menu will appear. If you're on the home screen when you press the INPUT button it will first switch to LIVE TV.
2. Continue pressing the **INPUT** button to scroll down the Input list. The Input will change with each press.

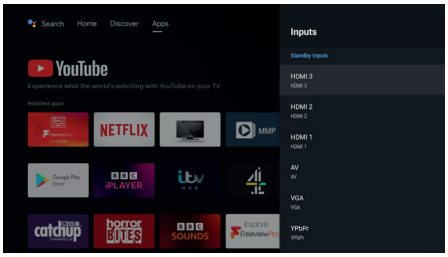


Selecting an Input from the Home Screen

1. While the Home screen is on screen highlight the INPUT symbol at the top of the screen and press **OK**.

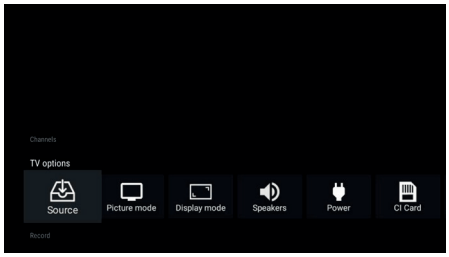


2. Press the ▲ or ▼ buttons to highlight the Input you'd like to choose then press **OK**.

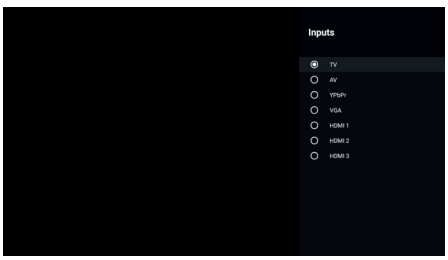


Selecting an Input from the LIVE TV Menu

1. While watching LIVE TV press the **MENU** button.



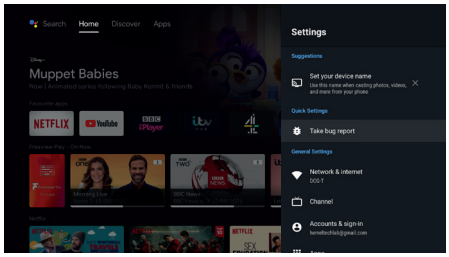
2. Highlight SOURCE then press OK, the Input menu will appear. Press the ▲ or ▼ buttons to highlight the Input you'd like to choose then press **OK**.



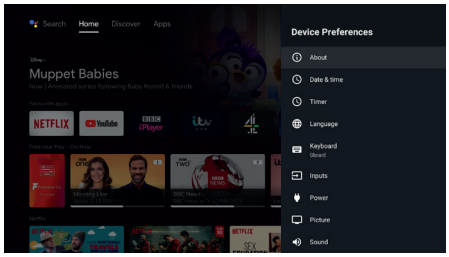
Changing an Inputs Name

The input name can be changed for HDMI and Composite inputs. If you have a Blu-ray player connected to HDMI 1 this can be renamed the Blu-ray. This will make it easy for you to select inputs when using voice commands.

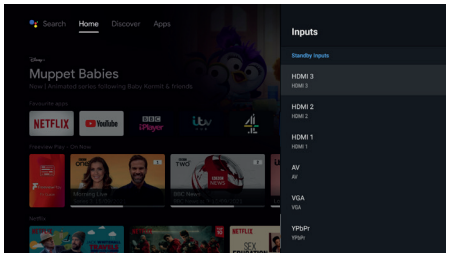
1. Select the SETTINGS MENU from either the Settings Icon at the top of the home screen or from the LIVE TV menus. Highlight DEVICE PREFERENCES and press **OK**.



2. Highlight INPUTS and press **OK**.

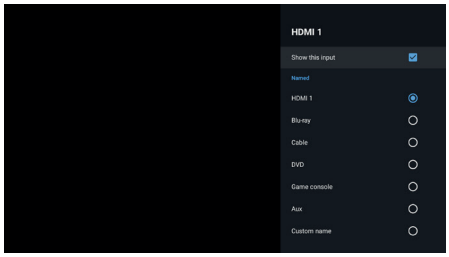


3. Highlight the Input that you'd like to rename and press **OK**.



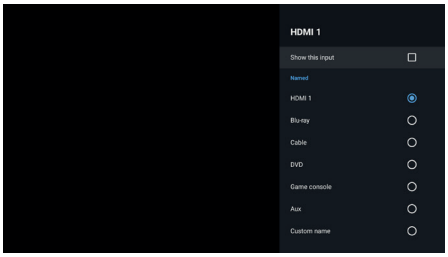
4. You'll now see a list of Names, highlight name that you want to call the Input and press **OK**. You can also choose Custom name and create your own input name.

5. Then press **BACK** you'll now see that the name of the Input has changed.

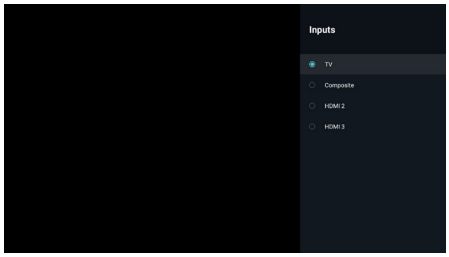


Hiding Inputs

1. If you want to hide an Input un-tick the 'SHOW THIS INPUT' box. The Input will now be hidden when you press the **INPUT** button.



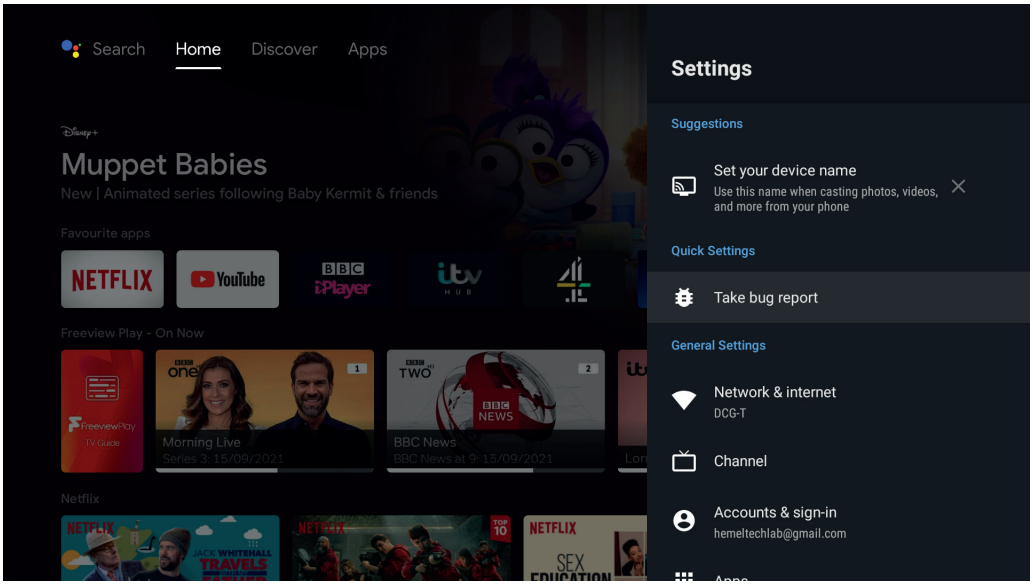
Un-tick 'SHOW THIS INPUT'.



The Input will now NOT show in the INPUTS list.

Settings Menu

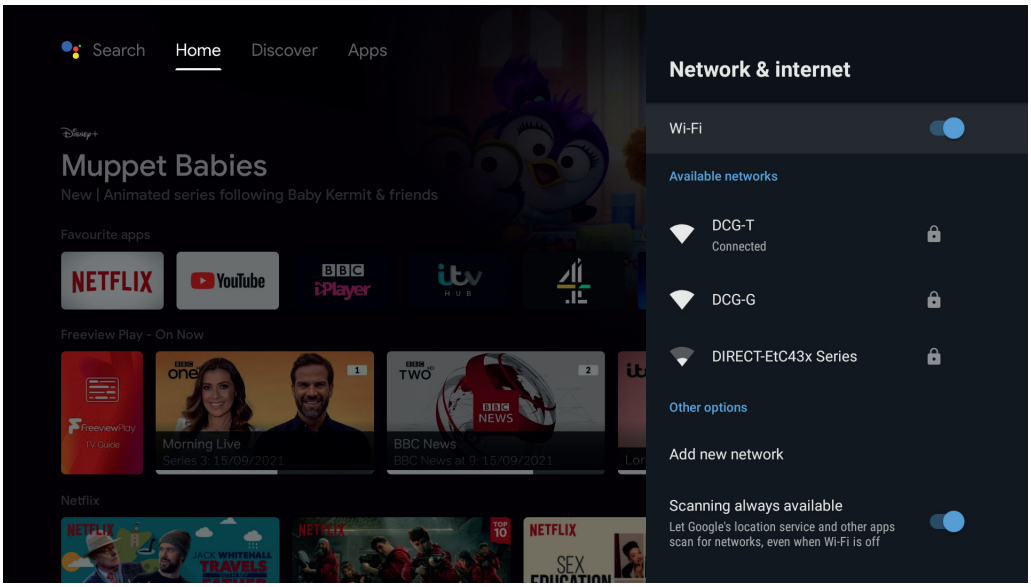
The Settings menu can be accessed via the Live TV menu bar or by selecting the SETTINGS icon on the top right of the HOME screen.



Settings Menu	
Suggestions	
Set your device name	Give your device a name to help identify it when casting or connecting to it from other devices. Select a name from the list or enter a custom name. Once you have changed the name this setting will disappear from the Settings menu. If you wish to change it in the future go to, SETTINGS - DEVICE PREFERENCES - ABOUT - DEVICE NAME.
General Settings	
Network & Internet	This menu shows all the settings referring to Network and Internet settings. Select this menu to adjust or check your network status.
Channel	This menu shows all setting referring to live TV channels and Parental Controls for Live TV channels and Inputs.
Accounts & sign-in	This menu shows all setting referring to your Google account, or you can add another account here.
Apps	This menu shows all setting referring to Recently opened apps and app permissions.
Device Preferences	This menu shows all setting referring to your TVs preferences, picture, sound, inputs etc. From here you can adjust most of the setting on your TV.
Bluetooth Remotes & accessories	This menu shows you any remote control or accessories that are connected to your TV. You can also add bluetooth accessories here.

Network & Internet Menu

The Network & Internet menu can be accessed via the Live TV menu bar or by selecting the SETTINGS icon on the top right of the HOME screen.

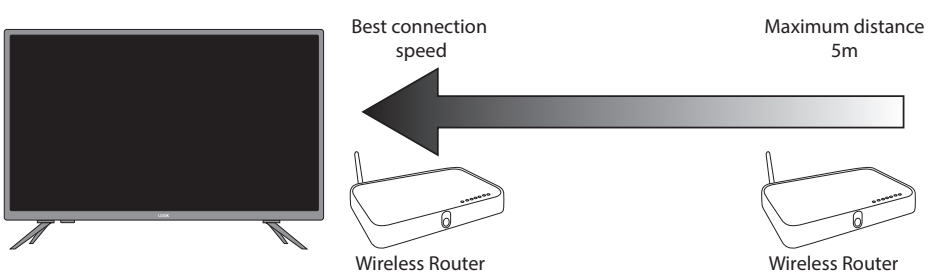


- To access the Network & Internet menu while watching Live TV press **MENU** and select SETTINGS. Scroll down to NETWORK & INTERNET and press **OK**.
- To access the Network & Internet menu from the HOME screen select the SETTINGS icon on the top right of the screen. Scroll down to NETWORK & INTERNET and press **OK**.

Network & Internet	
Wi-Fi	Switch Wi-Fi on or off.
Available Networks	All the available Wi-Fi networks will be shown here. It will also show which network you are connected to.
Other options	
Add new network	Here you can manually add a Wi-Fi network.
Scanning always available	Let Google's location service and other apps scan for networks, even when Wi-Fi is off. If Wi-Fi scanning is enabled, it means that location information and other applications will be able to scan Wi-Fi networks even if the device 's Wi-Fi is turned off.
Wow	Switch on/off wake on wireless network. Switching this on will increase your TVs Standby power consumption.
Wol	Switch on/off wake on LAN. Switching this on will increase your TVs Standby power consumption.
Ethernet	If you have connected your TV via an Ethernet cable it will show you if its Connected or Not Connected here.
Proxy Setting	Android allows you to configure proxy settings for each Wi-Fi network. This is sometimes required to access the Internet on a business or school network, for example. Your browser traffic will be sent through the proxy you configure. HTTP proxy is used by the browser but may not be used by other apps.
IP settings	Device IP can be switched between DHCP and Static.

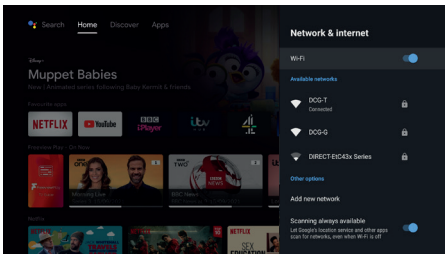
Connecting to the Internet using Wi-Fi

You can connect your TV to your router using the built in wireless connection. This may not always give you the fastest connection speed but may be the most convenient connection method.

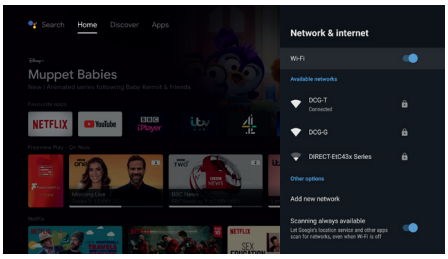


Make sure your TV is as close to your router as possible, within 5m and ideally in the same room as the TV

1. In the Network & Internet menu make sure Wi-Fi is switched on.

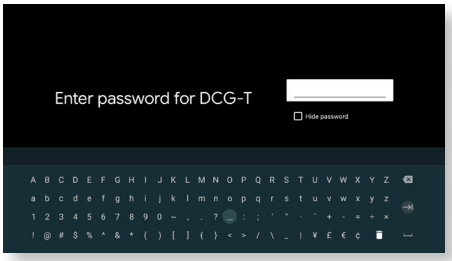


2. Highlight your Wi-Fi network from the list of available networks and press **OK**.



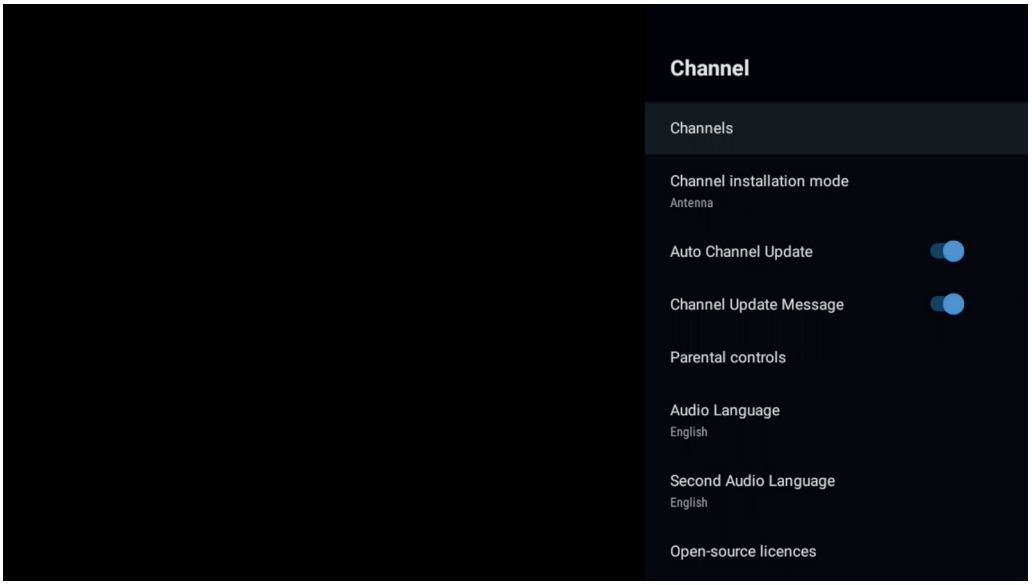
3. Enter your Wi-Fi password using the on screen keyboard then highlight → and press the **OK** button.

   The screen will show CONNECTING.



Channel Menu

The Channel menu can be accessed via the Live TV menu bar or by selecting the SETTINGS icon on the top right of the HOME screen.



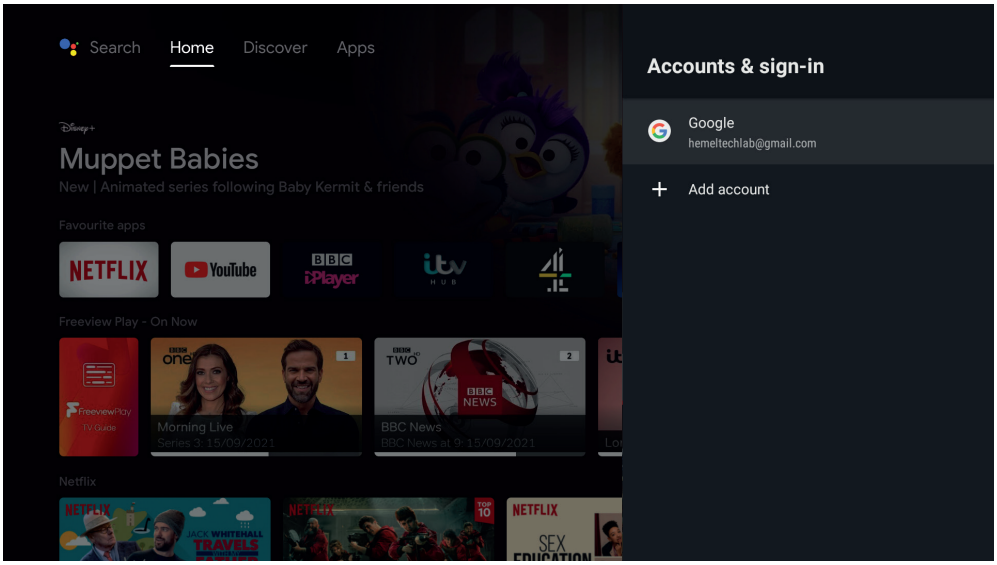
- To access the Channel menu while watching Live TV press **MENU** and select SETTINGS. Scroll down to CHANNEL and press **OK**.
- To access the Channel menu from the HOME screen select the SETTINGS icon on the top right of the screen. Scroll down to CHANNEL and press **OK**.

Channel	
Channels	Shows you all the channel options • Channel Scan - Retunes all channels. • Update Scan - Scans all channels and adds any extra channels to your channel list. • Single RF Scan - Scan for all channels on a selected RF channel • Manual Service Update - Retunes all channels. • LCN (Logical Channel Number) - Switch to ON/OFF/Default. When on your channels will be placed in order i.e. BBC1, BBC2, ITV etc. • Channel Scan Type - Choose to scan in All, Only Encrypted or Only Free Channels. • Channel Store Type - Choose to store All, Only Digital or Only Radio Channels. • Channel Skip - Tick the channel that you'll like to skip. Once ticked they will be skipped when you used the Channel + / - buttons. The skipped channels can still be selected by using the NUMBER buttons. • Channel Sort - Only available when LCN is switched OFF. To sort channels, tick a channel move it to a new position and press **OK**. • Channel Move - Only available when LCN is switched OFF. To move a channel, tick a channel move it to a new position and press **OK**. • Channel Edit - Here you can edit the name and number of a channel or delete the channel by pressing the **BLUE** button. • Clear Channel List - This will delete all the channels saved.
Channel Installation Mode	Choose Antenna or Cable.
Auto Channel Update	Switch Auto Channel Update on or off.
Channel Update Message	Switch Auto Channel Update Message on or off.

Parental Controls	Set the Parental Controls. Here you can block channels and inputs or set programme restriction. This is also where you can Change the pin number. This is the number you entered when you setup your TV.
Audio Language	Choose the audio language of the programmes you are watching if available. The default language is English, if you choose another language and its not available then English will continue to be used.
2nd Audio Language	Choose your second choice audio language of the programmes you are watching if available. The default language is English, if you choose another language and its not available then English will continue to be used.
Open Source Licenses	Shows all the open source licences information that refers to Channels.
Version	Shows the software and build number.

Accounts & Sign-In Menu

The Accounts & Sign-In menu can be accessed via the Live TV menu bar or by selecting the SETTINGS icon on the top right of the HOME screen.



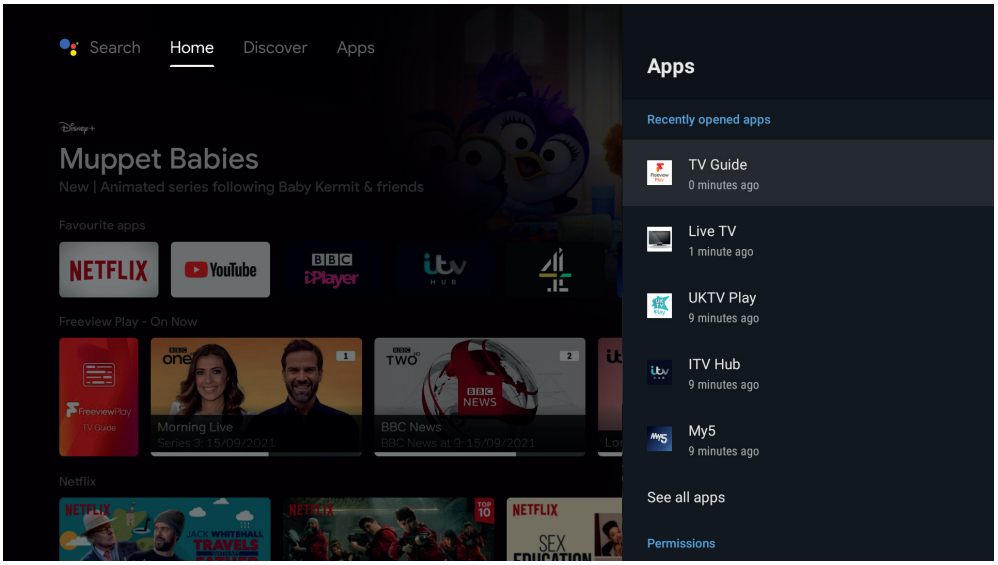
- To access the Accounts & Sign-In menu while watching Live TV press **MENU** and select SETTINGS. Scroll down to ACCOUNTS & SIGN-IN and press **OK**.
- To access the Accounts & Sign-In menu from the HOME screen select the SETTINGS icon on the top right of the screen. Scroll down to ACCOUNTS & SIGN-IN and press **OK**.

Select your account and press **OK** to see all the app synced options or you can also remove your account here.

Account	
Sync Now	To sync all your chosen apps highlight SYNC NOW and press **OK**. You'll see a rotating arrow next to each app that is syncing.
Remove account	To remove your account highlight REMOVE ACCOUNT and press **OK**. You'll then have to confirm you want to remove the account by selecting OK.
Choose synced apps	
Calendar	Sync your calendar to your TV by choosing sync. Highlight CALENDAR and press **OK**, when the slider switch turns blue, syncing is activated.
People details	Sync People details to your TV by choosing sync. Highlight PEOPLE DETAILS and press **OK**, when the slider switch turns blue, syncing is activated.

Apps Menu

The Apps menu can be accessed via the Live TV menu bar or by selecting the SETTINGS icon on the top right of the HOME screen.



In the Apps menu you will first see a list of your recently opened apps, then lower down you will see the Permissions options for apps.

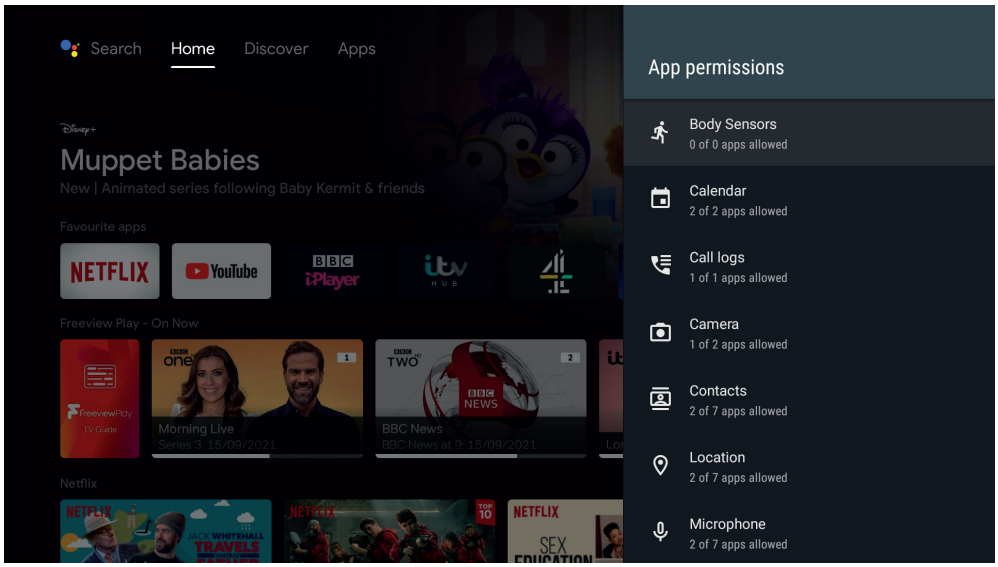
Recently opened apps

When you select one of the apps you'll see all the information referring to that specific app. To see all of the apps select ALL APPS. The options are as below:

Recently opened apps	
Version	This will show the current version of the app that's selected.
Open	If you select Open the app will launch.
Force stop	If you select Force stop the app will be closed and stop working in the background. This will remove this option from the menu until the app is launched again.
Storage used	This shows you the size of the app so you can see how much storage space its using up.
Clear data	This will clear any data stored within the app. This includes all files, settings, accounts and databases.
Clear cache	This will clear the cashe.
Clear defaults	If you have set any default settings in an app this will clear them.
Notifications	Here you can switch notifications on and off.
Permission	This will show you if there are any permissions available on the selected app and if they are active or not.

App permissions

To select App permissions go to SETTINGS - APPS - APP PERMISSIONS. In the App permissions menu you will see a list of all the apps that you have allowed to access certain information. For example below you can see that out of 7 apps, 2 of them have access to contact details. If you select each permission it will list the apps that use the selected permission. These permissions can be activated or deactivated here.

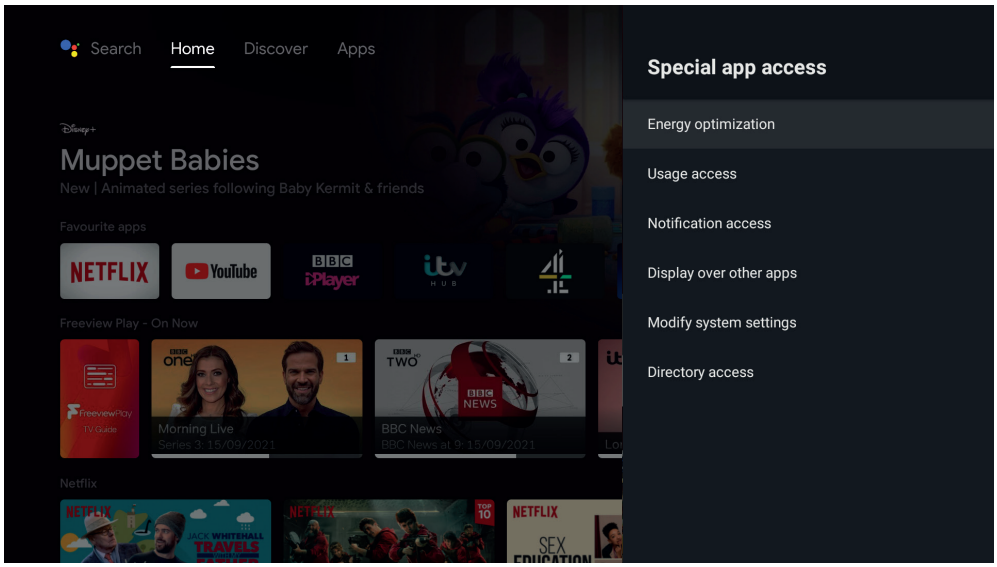


Recently opened apps	
Body sensors	Shows the number of apps that have access to body sensors, things like fitness bands and smart watches. To allow or deny access highlight BODY SENSORS, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Calendar	Shows the number of apps that have access to your calendar. To allow or deny access highlight CALENDAR, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Call logs	Shows the number of apps that have access to your Call logs. To allow or deny access highlight CALL LOGS, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Camera	Shows the number of apps that have access to your Camera. To allow or deny access highlight CAMERA, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Contacts	Shows the number of apps that have access to your Contacts. To allow or deny access highlight CONTACTS, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Location	Shows the number of apps that have access to your Location. To allow or deny access highlight LOCATION, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Microphone	Shows the number of apps that have access to your Microphone. To allow or deny access highlight MICROPHONE, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
SMS	Shows the number of apps that have access to your SMS. To allow or deny access highlight SMS, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.

Storage	Shows the number of apps that have access to your Storages. To allow or deny access highlight STORAGE, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Telephone	Shows the number of apps that have access to your Telephone. To allow or deny access highlight TELEPHONE, then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.
Additional permissions	Shows additional permissions that apps may use. To allow or deny access highlight the additional permission and press **OK**. Then highlight the desired app and press **OK**. If the slider is to the right and blue permissions are allowed.

Special app permissions

To select Special app permissions go to SETTINGS - APPS - SPECIAL APP PERMISSIONS. In the Special app permissions menu you will see a list of special app permissions that can be allowed or denied on your apps.

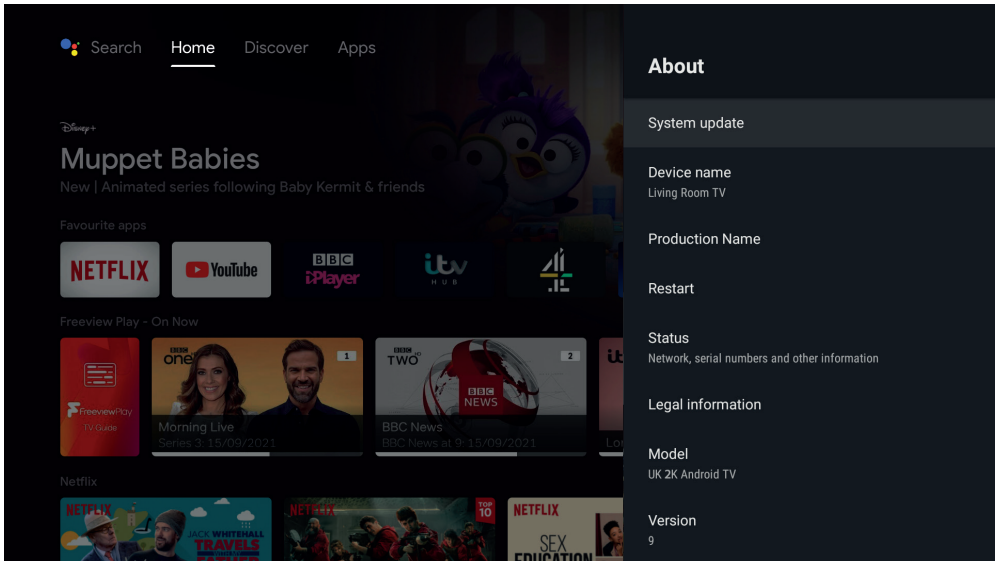


Device Preferences Menu

The Device Preferences menu can be accessed via the Live TV menu bar or by selecting the SETTINGS icon on the top right of the HOME screen.

About - Settings about your TV

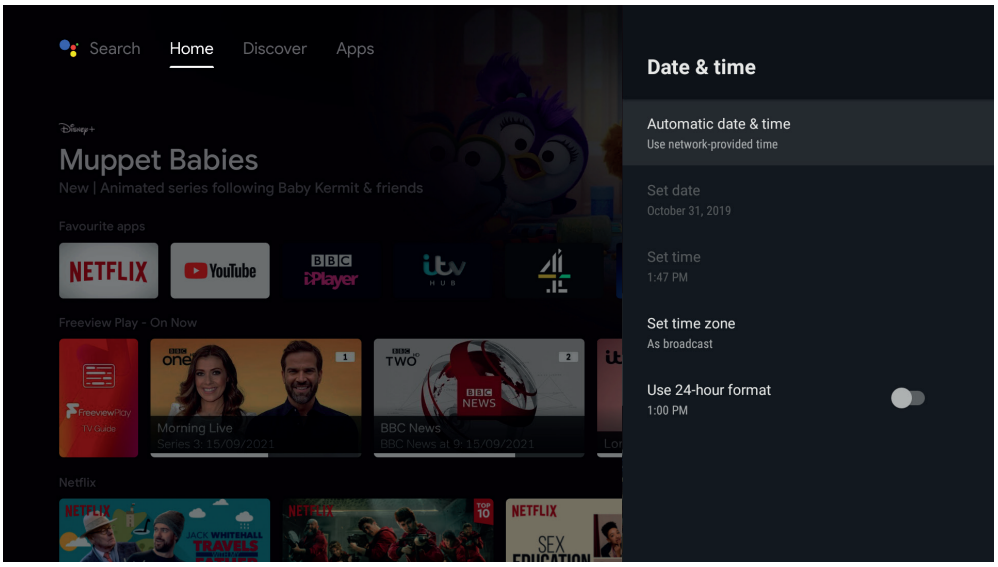
To select About go to SETTINGS - DEVICE PREFERENCES - ABOUT. Here you will see all the information about your TV. This menu will be helpful if you need help with your TV, it will tell you model, version and software versions that your TV is currently running.



About	
System update	Select System update to check to see if your TV has any updates.
Device name	Select Device name if you would like to change the name of your TV. The default name is UK 4K Android TV, but you can choose Android TV - Living Room TV - Family Room TV - Bedroom TV - or create your own name.
Restart	Select Restart to power down your TV and restart it.
Status	Select Status to view the IP address, MAC address, Bluetooth address, Serial number and Uptime of your TV.
Legal information	Select Legal information to view Open-source licences, Google legal, System WebView licences and Ads information about your TV.
Model	This shows the model of TV you have.
Version	This shows the TV version number.
Software version	This shows the software version your TV is running.
Netflix ESN	This shows your TVs Netflix ESN code.
Android security patch level	This shows when the Android security patch level was updated.
Kernel version	This shows the Kernel version and the time and date it was updated.
Build	This shows the Build code for your TV.

Date & Time - Settings the Correct Date and Time

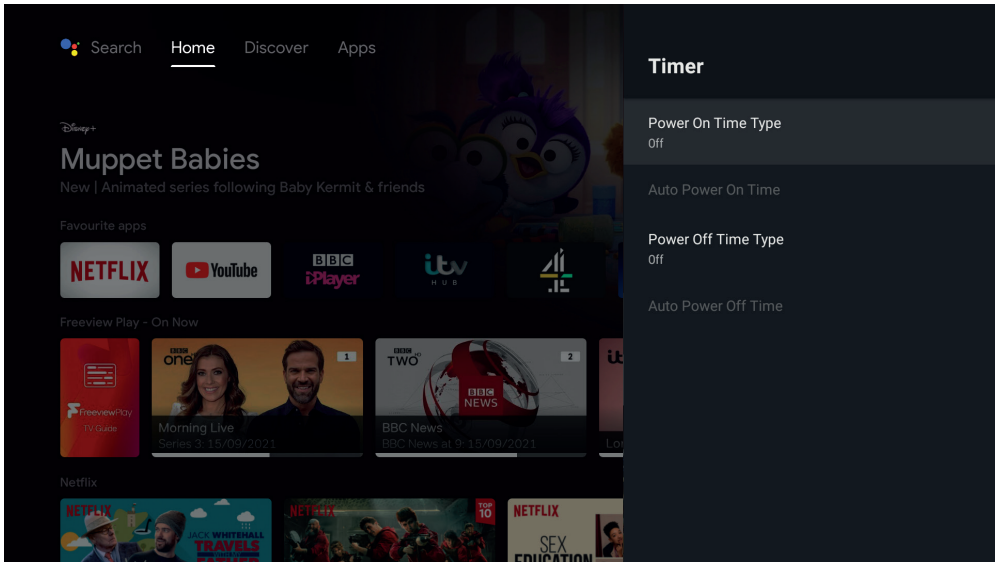
To select Date & Time go to SETTINGS - DEVICE PREFERENCES - DATE & TIME. Here you'll be able to set and adjust all the Date and Time settings on your TV.



Date & Time	
Automatic date & time	Select if you want your TV to set the time automatically from the network or not.
Set date	If you have switched Automatic date & time off you can manually set the date here.
Set time	If you have switched Automatic date & time off you can manually set the time here.
Set time zone	Select the time zone you are in, either use the broadcast-provided time zone of choose one from the list.
Use 24-hour format	Select if you want the time to be displayed using the 24-hour format or 12-hour format.

Timer - Set your TV to Automatically Switch ON and OFF at Set Times

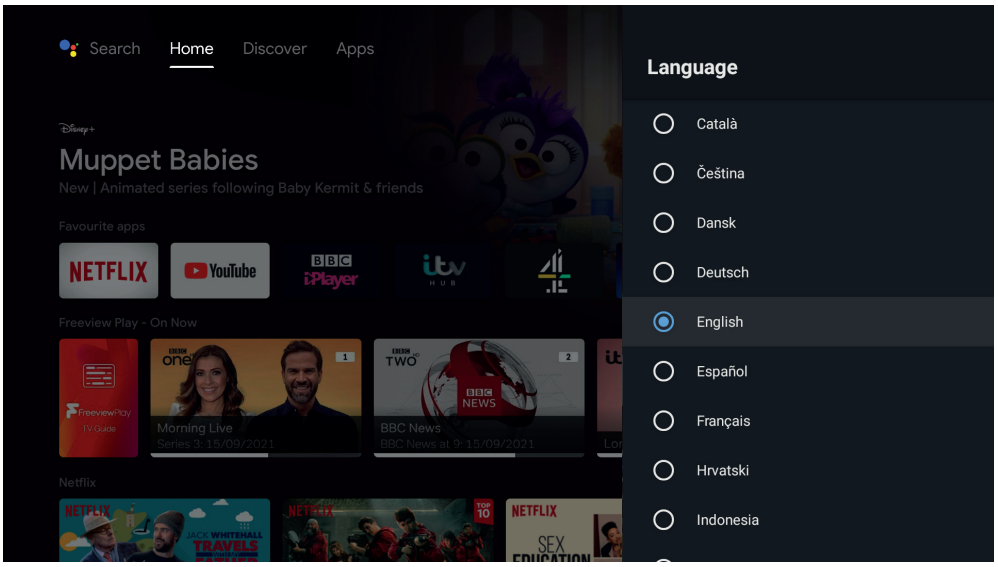
To select Timer go to SETTINGS - DEVICE PREFERENCES - TIMER. Here you'll be able to select a time for your TV to automatically switch on or off.



Timer	
Power On Time Type	If you want to set a time for your TV to switch on first you need to choose if you want it to switch on every day (on) or just the once (once).
Auto power on time	Select the time you would like your TV to switch on. Your TV will switch on at the time you have set and will show the last input you were watching before you switched your TV off. The volume level will also be at the same level as you were previously watching at.
Power Off Time Type	If you want to set a time for your TV to switch off first you need to choose if you want it to switch off every day (on) or just the once (once).
Auto power off time	Select the time you would like your TV to switch off.

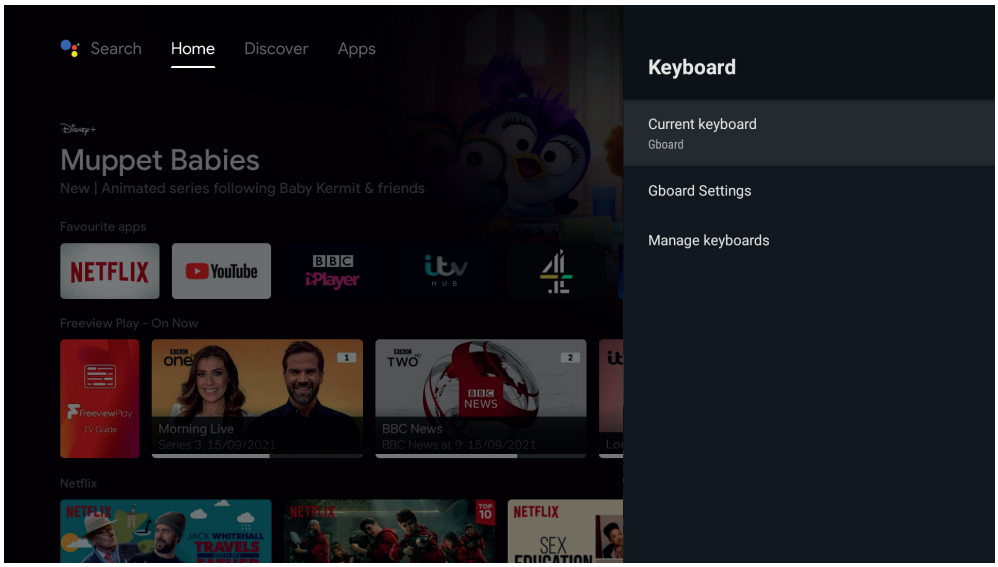
Language - Set the Language Menus are Displayed in

To select Language go to SETTINGS - DEVICE PREFERENCES - LANGUAGE. Here you'll be able to select the language that you want your menus and home screen to be displayed in.



Keyboard - Select Which Type of Keyboard you Want to Use

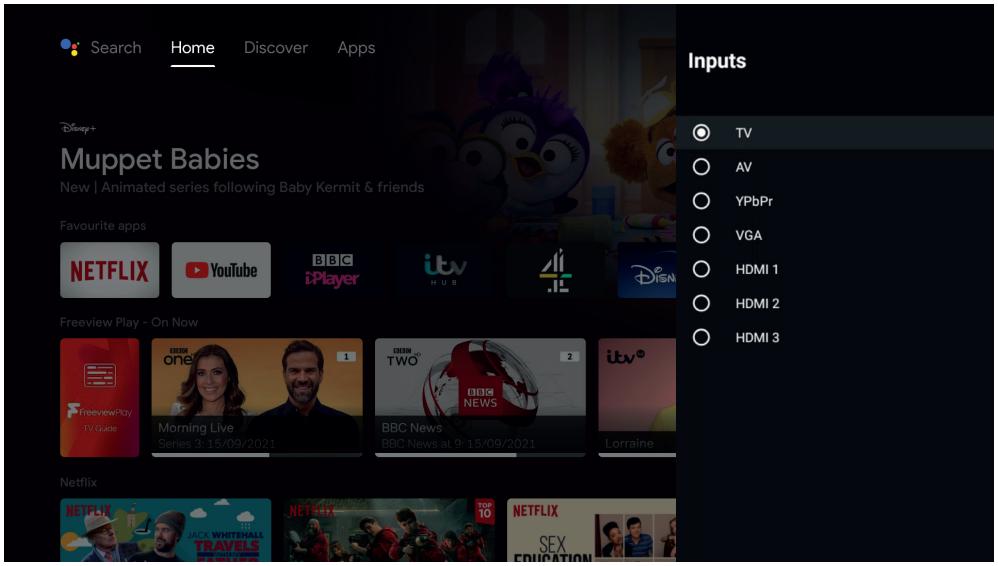
To select Keyboard go to SETTINGS - DEVICE PREFERENCES - KEYBOARD. Here you'll be able to select the type of keyboard you want to use, the default keyboard is Gboard. You'll also find keyboard language options that you can choose from.



Keyboard	
Current keyboard	This shows the current keyboard that your TV is using, in this case Gboard.
Gboard Settings	Here you'll see the settings for your selected keyboard. It will show the current version, languages available, Terms of service, Privacy policy, open-source licences and give you the option to Share usage statistics.
Manage keyboards	This shows you the available virtual keyboard to choose from.

Inputs - Rename and Adjust Inputs Setting

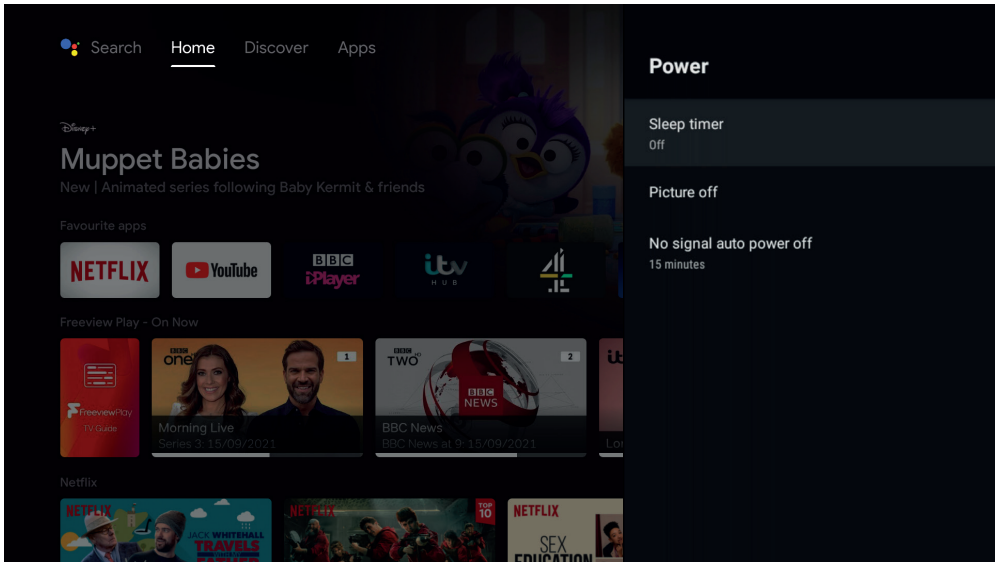
To select Inputs go to SETTINGS - DEVICE PREFERENCES - INPUTS. Here you'll be able rename your inputs and adjust Consumer Electronic Controls (CEC). These setting will be useful when connecting externals devices like soundbars and games consols.



Inputs	
HDMI, 3, 2, 1, AV, VGA & YPbPr	If you select any input you can choose if you want to make this input visible by selecting SHOW THIS INPUT. You can also choose a name for the input from the list or give it a custom name by selecting CUSTOM NAME.
HDMI control	Here you can select if you want to allow your TV to control HDMI devices. For example if you have a bluray connected to your TV via HDMI if you switch this setting ON, you will be able to adjust the volume, Play, Pause etc using your TV remote control.
Device auto power off	Switching this setting ON to allow your TV to switch off all HDMI devices connected when the TV is switched off.
TV auto power on	Switching this setting ON to allow your TV to switch on when a HDMI device is switched on. For example if you have a Sky box connected to your TV, when you switch this on your TV will also switch on.
HDMI EDID version	Shows the HDMI EDID version.
CEC device list	Shows a list of all the CEC enabled devices that are connected to your TV.

Power - Adjust Switch Off Times For Various Modes

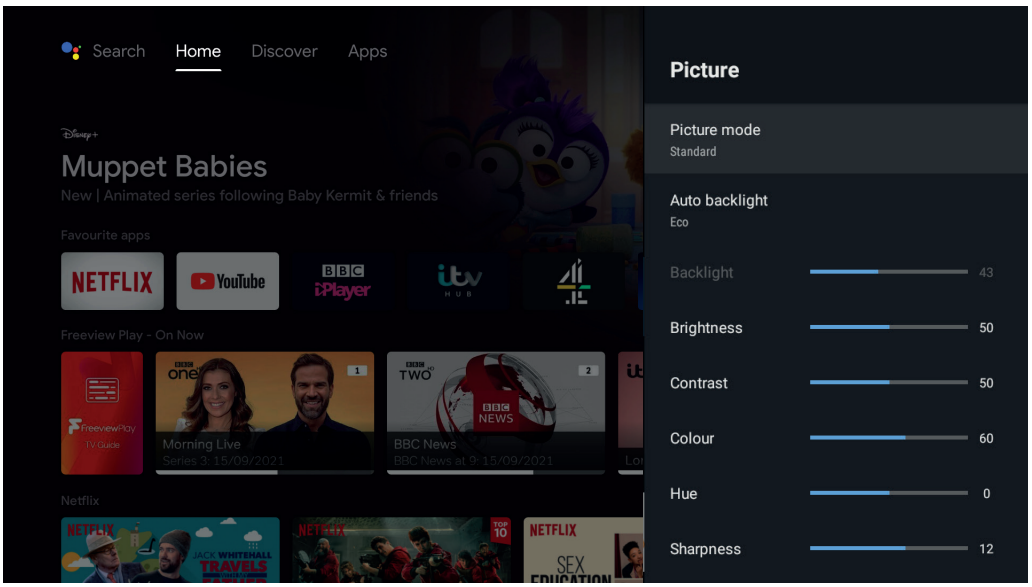
To select Power go to SETTINGS - DEVICE PREFERENCES - POWER. Here you'll be able set various timers which allow the TV to switch off after a set amount of time. The picture can also be switched off to save power when listening to music for example.



Power	
Sleep Timer	You can set a sleep timer to automatically switch your TV off after a selected time. Choose from OFF - 10 - 20 - 30 - 40 - 50 - 60 - 90 - 120 minutes.
Picture off	If you are just listening to your TV and you don't need the picture on you can switch the picture off here. To display a picture again press any button on your remote control.
No Signal Auto Power Off	You can set your TV to automatically switch off if no signal is received. Choose from OFF - 5 - 10 - 15 - 30 - 60 minutes. The default time is 15 minutes.

Picture - Adjust Picture Modes and Settings

To select Picture go to SETTINGS - DEVICE PREFERENCES - PICTURE. Here you'll be able to adjust all the picture modes and picture setting.



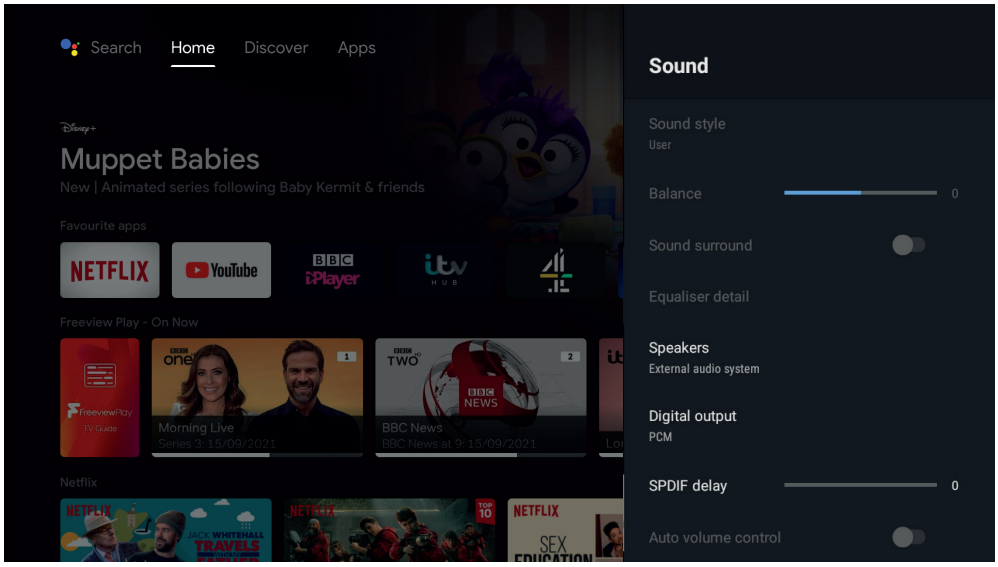
The following table show all the available picture setting adjustment on your TV. Not all of these setting apply to all Inputs.

Picture		
Picture Mode	Your TV has some pre-set picture modes: STANDARD - VIVID - SPORT - MOVIE - GAME. The default setting is STANDARD. You can also manually adjust each mode.	
Auto Backlight	Auto backlight is set to Eco as default but can be changed to OFF - LOW - MIDDLE - ECO. Adjusting the setting may increase your TVs power consumption.	
Backlight	Increases or decreases the brightness of the backlight from 0 - 100.	
Brightness	Increases or decreases the picture brightness from 0 - 100.	
Contrast	Increases or decreases the picture contrast from 0 - 100.	
Colour	Increases or decreases the colour from 0 - 100.	
HUE	Increases or decreases the hue from 0 - 100.	
Sharpness	Increases or decreases the picture sharpness from 0 - 20.	
Gamma	Choose from Dark, Middle (standard) or Bright. Highlight your desired setting then press **OK**.	
Colour Temperature	The colour temperature setting has 4 preset settings USER - COOL - STANDARD - WARM, when selected each of these settings has individual adjustments. Red, Green and Blue gain can all be adjusted from -100 to 100.	
Advanced Video	Select to have more advanced adjustments to your TVs picture.	
	DNR (Dynamic Noise Reduction)	Dynamic Noise Reduction has 5 different setting OFF - LOW - MEDIUM - STRONG - AUTO. The default setting is MEDIUM. Highlight your desired setting then press **SELECT**.
	MPEG NR (Noise Reduction)	MPEG Noise Reduction has 4 different setting OFF - LOW - MEDIUM - STRONG. The default setting is MEDIUM. Highlight your desired setting then press **SELECT**.
	Adaptive Luma Control	Adaptive Luma Control has 4 different setting OFF - LOW - MEDIUM - STRONG. The default setting is STRONG. Highlight your desired setting then press **SELECT**.
	Local Contrast Control	Local Contrast Control has 4 different setting OFF - LOW - MEDIUM - HIGH. The default setting is STRONG. Highlight your desired setting then press **SELECT**.

	DI Film Mode	DI Film mode has 2 setting AUTO and OFF. The default setting is OFF. Highlight your desired setting then press **SELECT**.
	Blue Stretch	Blue Stretch can be switched ON or OFF.
	Game Mode	Game Mode can be switched ON or OFF.
	PC Mode	PC Mode can be switched ON or OFF.
	HDMI RGB Range (HDMI input only)	HDMI RGB Range has 3 different settings AUTO - FULL - LIMIT. The default setting is AUTO. Highlight your desired setting then press **SELECT**.
Colour Tuner	Colour Tuner can be switched on and off by selecting ENABLE ON or OFF. Then you have 5 separate setting that can be individually adjusted. HUE - SATURATION - BRIGHTNESS - OFFSET - GAIN.	
11 Point white balance correction	Here you can adjust the Gain percentage, and Red, Green and Blue levels.	
Reset to Default	Resets all setting to factory default settings.	

Sound - Adjust Sound Styles and Settings

To select Sound go to SETTINGS - DEVICE PREFERENCES - SOUND. Here you'll be able to adjust all the Dolby Audio Processing setting and all other sound setting.

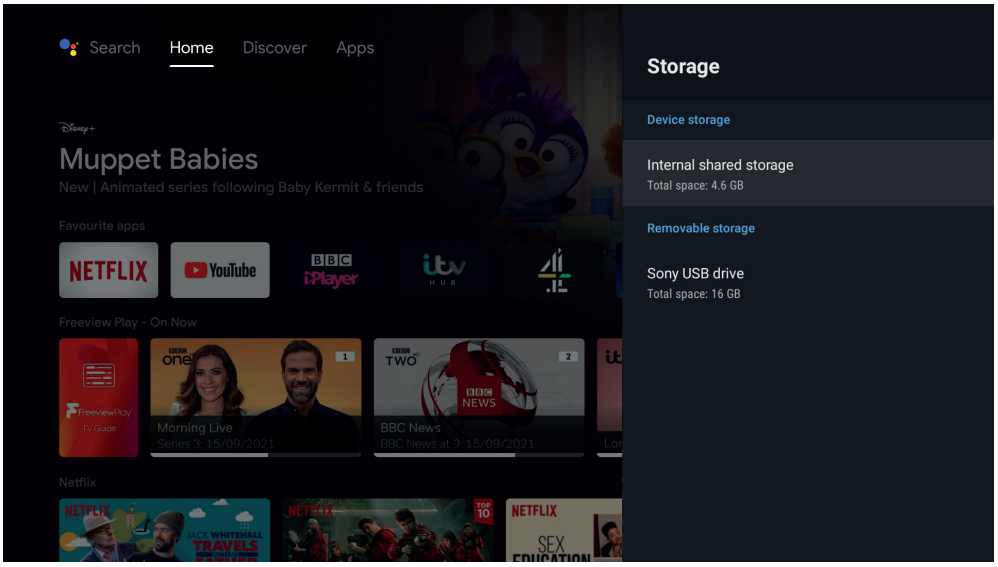


The following table show all the available sound setting adjustment on your TV.

Sound Style	Sound Mode has 7 different settings USER - STANDARD - VIVID - SPORTS - MOVIE - MUSIC - NEWS. The default setting is Standard. Highlight your desired setting then press **OK**.
Balance	The speaker balance can be adjusted from a setting of -50 to 50. -50 will set the speaker balance totally to the left speaker, 0 is the central position and 50 will set the balance totally to the right speaker.
Sound Surround	Sound surround can be switch on or off. Switching this on will give a surround sound effect.
Equaliser Detail	Equaliser has 5 different settings, 120Hz - 500Hz - 1500Hz - 5000Hz - 10000Hz. Each setting can be adjusted from -50 to 50, the default setting is 0 for all.
Speakers	Select either TV Speakers or External Audio System. External Audio System is selected as default, if you connect an audio system (Soundbar) it will detect this and the TV Speakers will be switched off. Select TV Speakers if you want to listen to sound from your TV only.
Digital Output PCM	Digital Output has 5 different settings AUTO - BYPASS - PCM - DOLBY DIGITAL PLUS - DOLBY DIGITAL. Change this setting to suit the audio device that you have connected to your TV to.
SPDIF Delay	The SPDIF delay can be adjusted from 0 -250. If you have connected an audio device via the optical output you may need to adjust the SPDIF delay so the sound is in time with the picture.
Auto Volume Control	Auto Volume Control can be switched on or off. Switching Auto Volume Control will keep the volume level the constant so when adverts are shown they are not louder than the programme you're watching. Highlight Auto Volume Control and press **OK** to switch it On or OFF.
Downmix Mode	In Downmix Mode you can select Stereo or Surround. If the audio you're listening to has multiple channels of audio it will be downmixed to either Stereo or Surround giving your the best possible sound for the amount of speakers you have.
Dolby Audio Processing	Dolby Audio Processing is switched on as default. Within the Dolby Audio Processing menu you can switch the setting on or off, change the sound mode, switch Volume Leveller on or off, change the Dialogue enhancer modes and turn Surround virtualiser on or off. Switching Dolby Audio Processing off will give you access to more of the setting below.
Reset to Defaults	Resets all setting to factory default settings.

Storage - See Available Storage Space on the TV or External Device

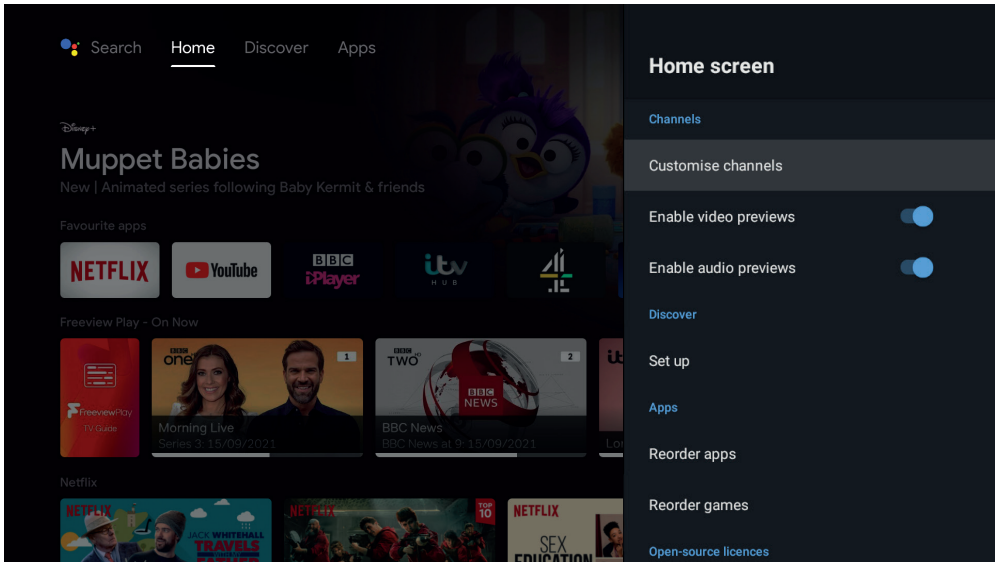
To select Storage go to SETTINGS - DEVICE PREFERENCES - STORAGE. Here you'll be able to see the storage capacity of your TV and a breakdown of what's using the storage. You'll also see the storage capacity of any external devices that you have connected to the USB ports.



Storage	
Internal shared storage	Here you will see the total storage space of your TV. Click on INTERNAL SHARED STORAGE and you will see a breakdown of how your storage is being used. You will see APPS - PHOTOS & VIDEOS - AUDIO - DOWNLOADS - CASHED DATA - MISC - AVAILABLE. If data is being used in any of these categories you can click on the category to get a more detailed breakdown of usage.
Removable storage	If you have a USB storage device connected to your TV you'll see its total storage space here. If you click on the device you will be able to Eject it, Erase and Format it and also see a breakdown of how its storage is being used.

Home Screen - Personalising the Home Screen

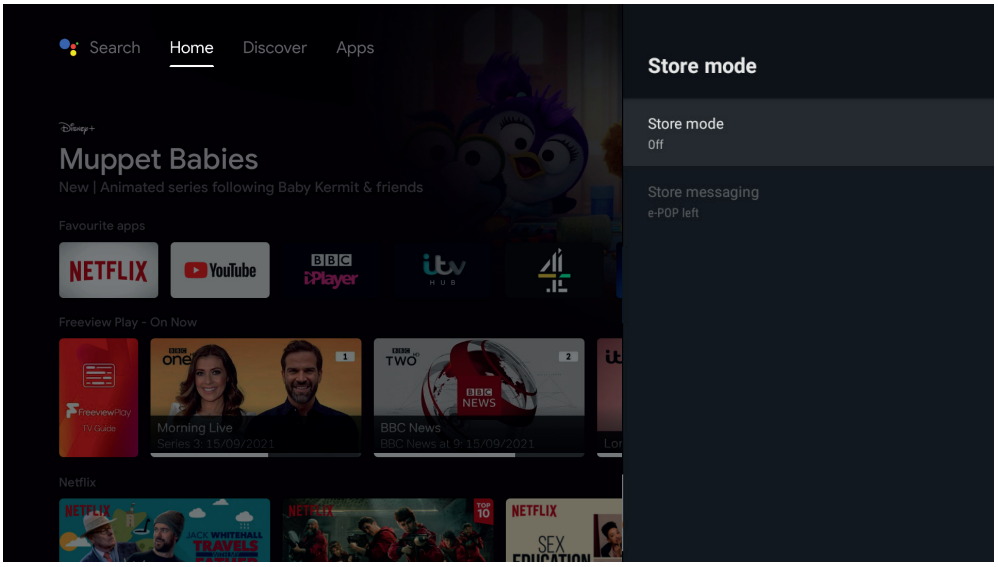
To select Home Screen go to SETTINGS - DEVICE PREFERENCES - HOME SCREEN. Here you'll be able to personalise your home screen content by moving around and reordering apps and games.



Home screen	
Customise channels	This is where you have all the options to customise which channels you want to display on the home screen.
Enable video previews	If you don't want to see video previews of the Live TV programmes then you can switch preview off here.
Enable audio previews	If you don't want to hear audio previews of the Live TV programmes then you can switch preview off here.
Discover Set up	Here you can setup the Discover tab options.
Reorder apps	You can reorder the apps as they are displayed when you click on the Apps icon. Select an app, move it and then press **OK** to place it in its new location.
Reorder games	You can reorder the games as they are displayed when you click on the Apps icon. Select a game, move it and then press **OK** to place it in its new location.
Android TV Home	This shows the open source licences for Android TV Home.
Android TV Core Services	This shows the open source licences for Android TV Core Services.

Store Mode - Switch Store Mode On

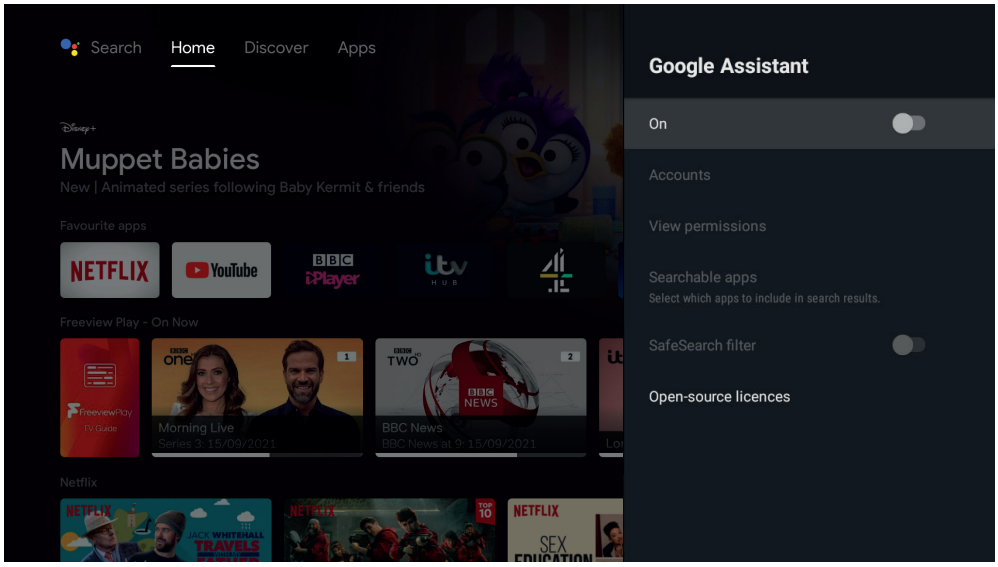
To select Store Mode go to SETTINGS - DEVICE PREFERENCES - STORE MODE. This mode is only for demonstrations in a store. Switching on Store Mode will adjust picture settings to make the screen brighter and a demo will play showing your TVs features.



To interrupt the demo press any button on your TV. This will only interrupt the demo if you want to switch the demo off you will need to go back into the STORE MODE menu and select OFF.

Google Assistant - Personalise Google Assistant Settings

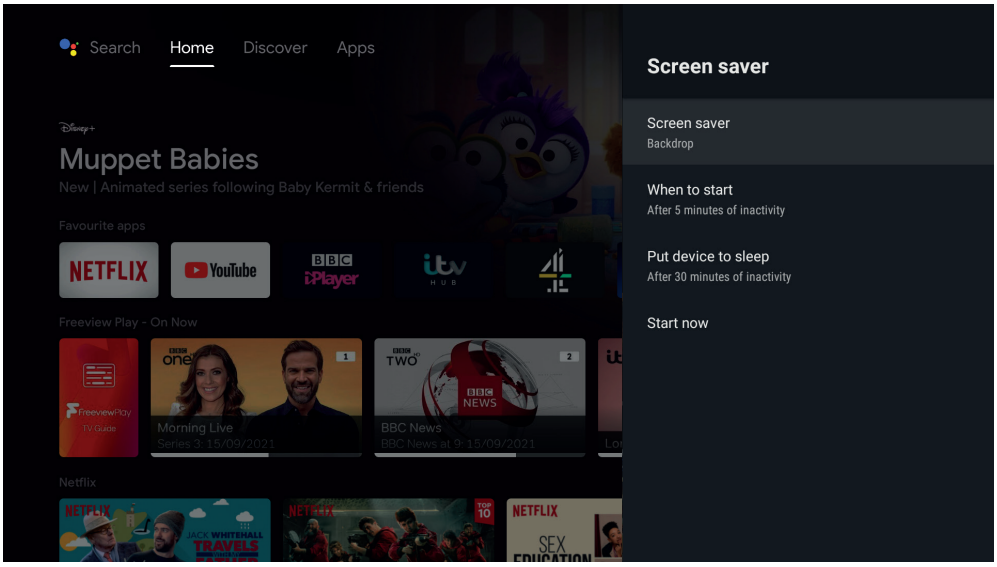
To select Google Assistant go to SETTINGS - DEVICE PREFERENCES - GOOGLE ASSISTANT. See the Google account that's connected to your TV and personalise your Google Assistant settings.



Google Assistant	
On	This switches Google Assistant on or off.
Accounts	This shows the account that is connected to your TV.
View permissions	This shows the Activity controls that you have on your account. You will need to enter your account email address and password to see these setting.
Searchable apps	Select the apps that you would like Google Assistant to add to its search results.
SafeSearch filter	Turn SafeSearch filter ON or OFF.
Open source licences	This shows the open source licences.

Screen Saver - Settings

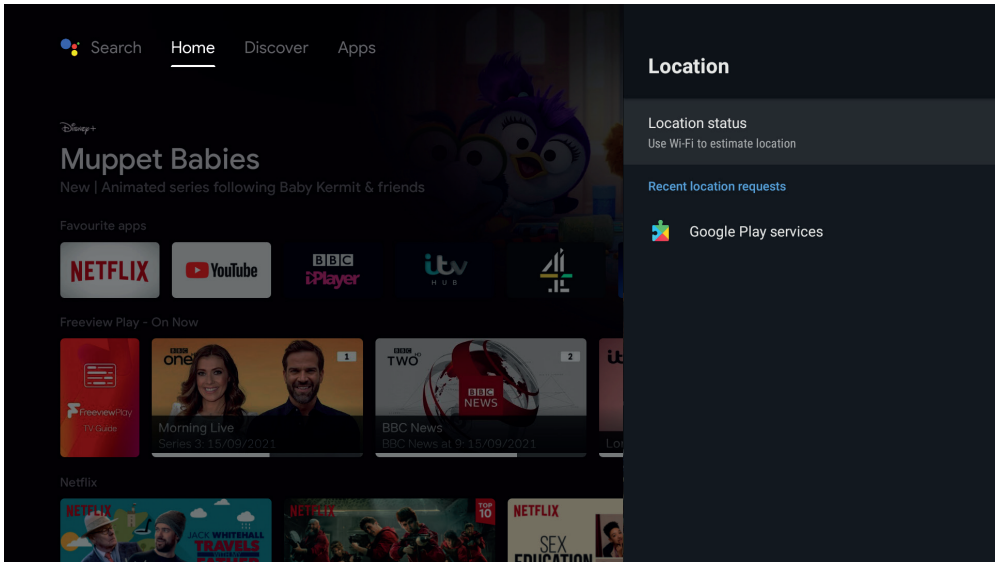
To select Screen Saver go to SETTINGS - DEVICE PREFERENCES - SCREEN SAVER. Here you can adjust the screen saver setting and activate the screen saver.



Screen Saver	
Screen saver	Here you have 3 options, you can turn the screen saver off or choose to have it on with either backdrop photographs or abstract colours.
When to start	Here you can choose when you would like the screen saver to activate after a set period of inactivity. Choose from 5 mins - 15 mins - 30 mins - 1 hour - 2 hours.
Put device to sleep	This is the amount of inactive time you want to pass before the TV goes to sleep (standby). Choose from 30 mins - 1 hour - 3 hours - 6 hours - 12 hours - Never.
Start now	This will start the screen saver mode.

Location - Settings

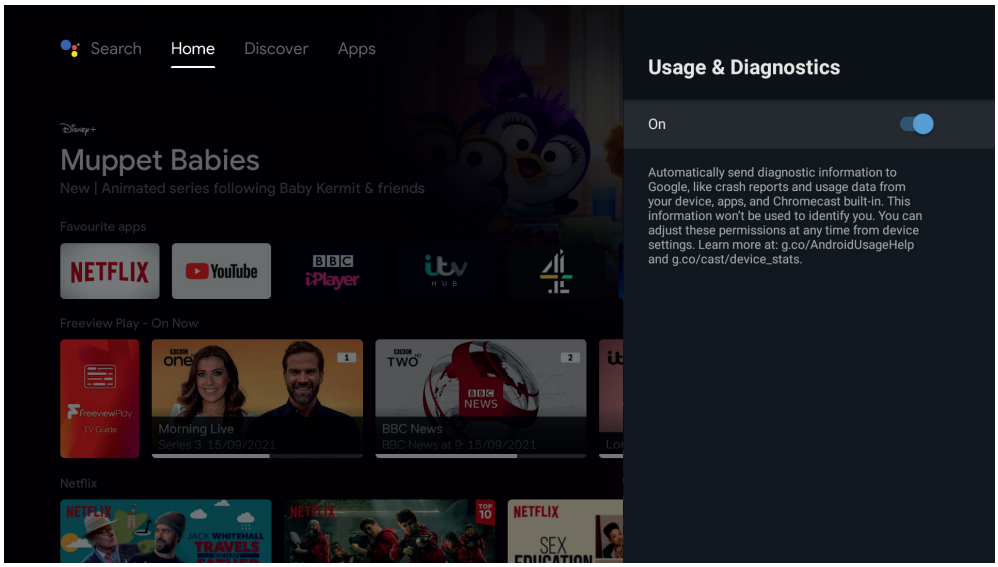
To select Location go to SETTINGS - DEVICE PREFERENCES - LOCATION. Here you switch location on and off and see the apps that have requested your location.



Location	
Location status	Here can choose if you want to use Wi-Fi to estimate your location or switch location off.
Recent location requests	This shows a list of apps that have recently requested your location. If you don't want to allow a particular app to know your location then click on the app go to Permissions and switch location OFF.

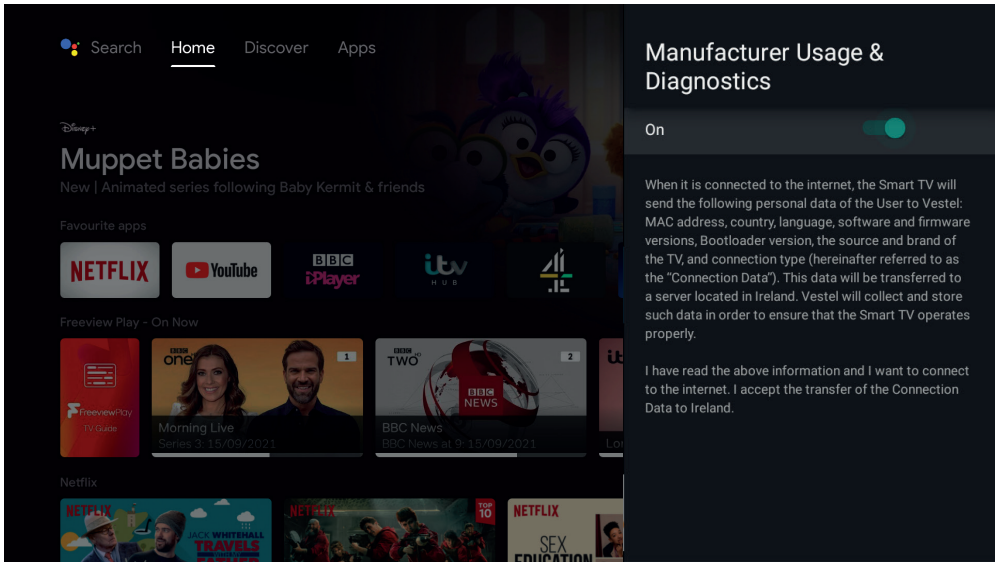
Usage & Diagnostics - ON/OFF

To select Usage & Diagnostics go to SETTINGS - DEVICE PREFERENCES - USAGE & DIAGNOSTICS. Here you switch Usage & Diagnostics on and off. If you select ON, your TV will send diagnostic information to Google to help it improve its services.


Search
Home
Discover
Apps
Muppet Babies
New | Animated series following Baby Kermit & friends
Favourite apps
NETFLIX
YouTube
BBC iPlayer
itv HUB
Freeview Play - On Now
Morning Live
BBC News
Netflix
Usage & Diagnostics
On
Automatically send diagnostic information to Google, like crash reports and usage data from your device, apps, and Chromecast built-in. This information won't be used to identify you. You can adjust these permissions at any time from device settings. Learn more at: g.co/AndroidUsageHelp and g.co/cast/device_stats.

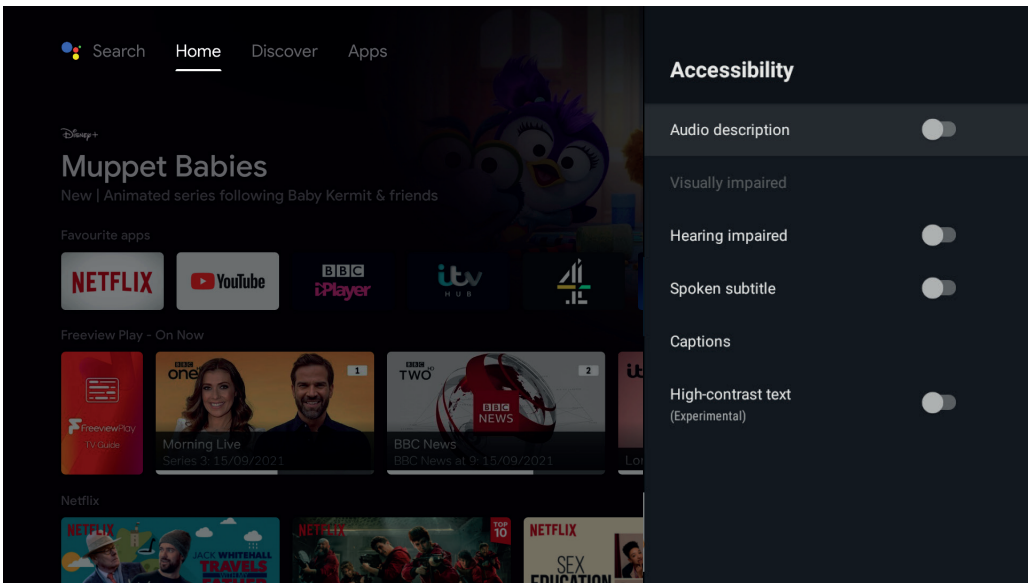
Manufacturer Usage & Diagnostics - ON/OFF

To select Manufacturer Usage & Diagnostics go to SETTINGS - DEVICE PREFERENCES - MANUFACTURER USAGE & DIAGNOSTICS. Here you switch Manufacturer Usage & Diagnostics on and off. If you select ON, your TV will send personal information to the manufacturer to ensure your TV works properly.


Search
Home
Discover
Apps
Muppet Babies
New | Animated series following Baby Kermit & friends
Favourite apps
NETFLIX
YouTube
Freeview Play - On Now
Morning Live
BBC News
Netflix
Manufacturer Usage & Diagnostics
On
When it is connected to the internet, the Smart TV will send the following personal data of the User to Vestel: MAC address, country, language, software and firmware versions, Bootloader version, the source and brand of the TV, and connection type (hereinafter referred to as the "Connection Data"). This data will be transferred to a server located in Ireland. Vestel will collect and store such data in order to ensure that the Smart TV operates properly.
I have read the above information and I want to connect to the internet. I accept the transfer of the Connection Data to Ireland.

Accessibility - Switch on/off Accessibility Features

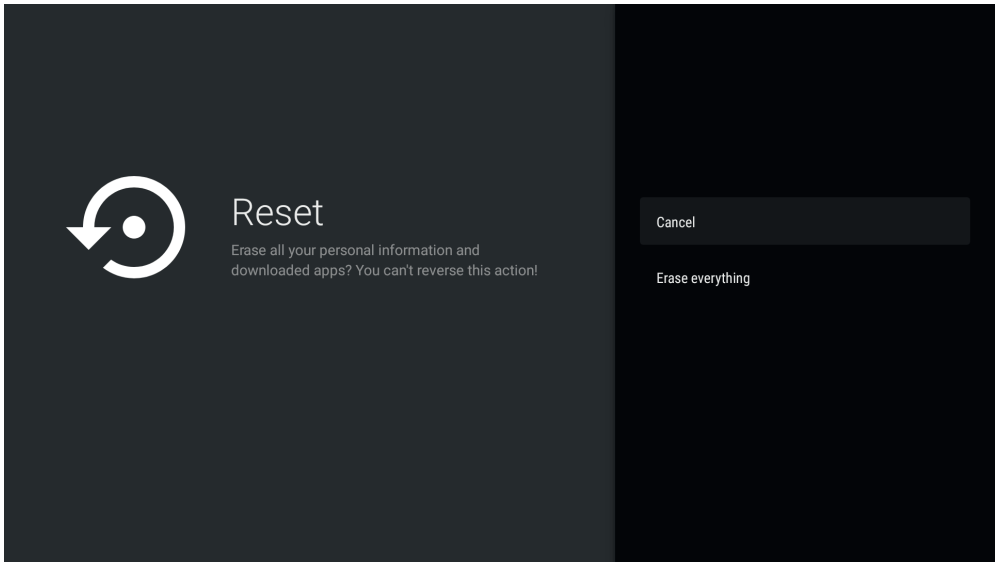
To select Accessibility go to SETTINGS - DEVICE PREFERENCES - ACCESSIBILITY. Here you switch on accessibility features such as Audio Description and Spoken Subtitles.



Screen Saver	
Audio Description	Audio description is a descriptive track that plays at the same time as the normal audio. It describes the scene so visually impaired views can understand the scene better. Here you can switch Audio description ON or OFF.
Visually Impaired	This setting only becomes active if you have switch on Audio Description. • Speaker - ON or Off, audio description sound will come from the TV speakers. • Headphone - ON or Off, audio description sound will come from the headphone socket • Volume - Adjust the volume level of the audio description. • Pane and fade - ON or Off. • Audio for the visually impaired • Fader control - Choose from MAIN MAX - MAIN 3:4 - EQUAL - AD 3:4 - AD MAX.
Hearing Impaired	Switches Hearing Impaired on or off. If Hearing Impaired option is selected, it provides subtitle services to deaf and hard of hearing viewers with additional descriptions.
Spoken subtitle	Selecting Spoken subtitle will switch off Audio Description. Select ON or OFF.
Captions	Captions gives you the ability to choose the style that you would like subtitles to be displayed in. • Display - Switch this on to see how the captions will display. • Language - Choose the language you would like the captions to display in. • Text size - Choose the text size of the captions. VERY SMALL - SMALL - NORMAL - LARGE - VERY LARGE. • Caption Styles - Choose from 4 preset caption styles or design your own by selecting CUSTOMISED.
High-Contrast text (Experimental)	High contrast text is designed to make it easier to read text on screen. Switch ON or OFF.

Reset - Factory Reset Your TV

To select Reset go to SETTINGS - DEVICE PREFERENCES - RESET. If you want to totally clear and reset your TV then choosing Reset will wipe all saved channels and accounts on your TV. This will take it back to the state it first came out of the factory in.

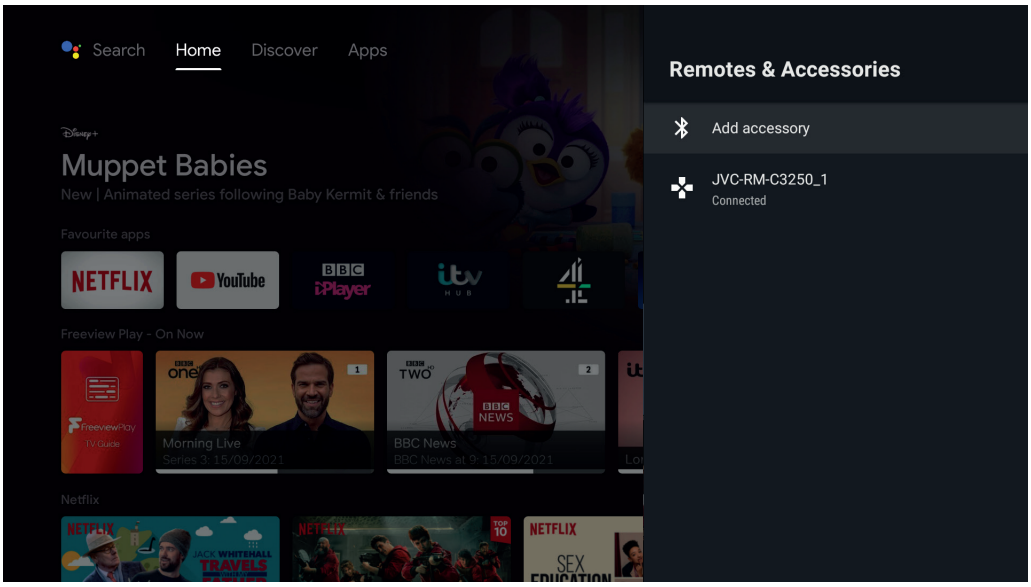


Bluetooth Remotes & Accessories Menu

The Remotes & Accessories menu can be accessed via the Live TV menu bar or by selecting the SETTINGS icon on the top right of the HOME screen. Here you can add a Bluetooth® accessory and see your paired remote control status.

Add accessories

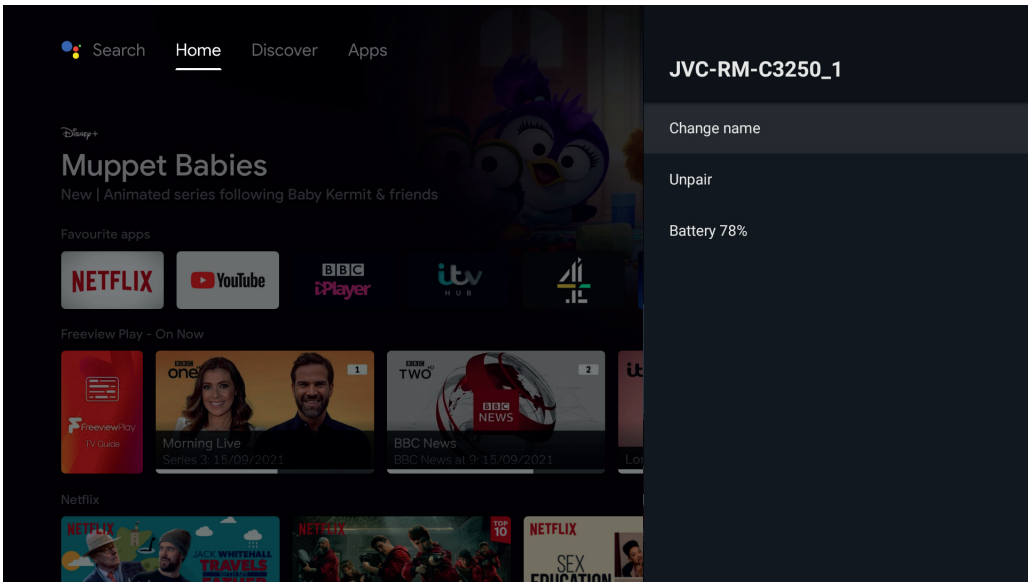
To add a Bluetooth® accessory go to SETTINGS - REMOTES & ACCESSORIES - ADD ACCESSORY. To add a Bluetooth® device to your TV make sure the device that you're adding is in pairing mode before clicking on ADD ACCESSORY.



1. With your device in pairing mode highlight ADD ACCESSORY and press **OK**.
2. You will see the SEARCHING FOR ACCESSORIES screen and you should see the device that to wish to pair in the list on the right of the screen. Highlight your device and press **OK**. Your device should now pair.

Checking Remote Control Status

To check your remote control status go to SETTINGS - REMOTES & ACCESSORIES - JVC-RM-C3250_1. Here you are able to change the name of your remote control, unpair it and check the remaining battery life.



Chapter 7

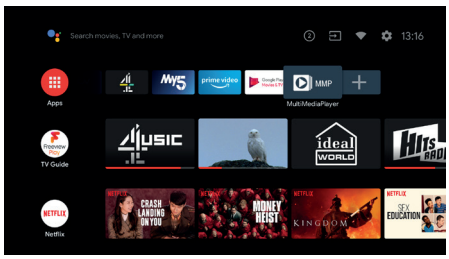
Browsing USB Storage

Viewing Media on a USB Storage Device

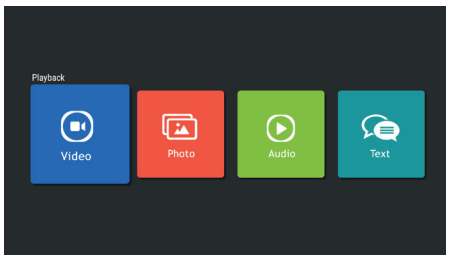
If you have a USB storage device plugged into one of the USB sockets you can view these files by selecting the MultiMedia Player app.

- Supported file - Video formats: MKV, MP4, MOV, FLV, and AVI.
- Supported file - Picture formats: JPEG, BMP, PNG and GIF.
- Supported file - Music formats: MP3, AC3, AAC, WAV, FLAC, and M4A.
- Supported file - Text formats: TXT
- If you are using a USB 3.0 storage device it will work at a slower data transfer rate (the USB port is 2.0).
- Partitioned hard drives are NOT supported. If your hard drive has two partitions such as one NTFS and one FAT32. The NTFS partition may not work or could work slowly.

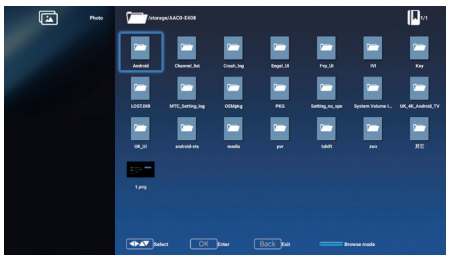
1. From the Home screen select the MULTIMEDIAPLAYER.



2. Choose from VIDEO, PHOTO, AUDIO or TEXT to see your files. Use the **PLAY**, **PAUSE**, **STOP**, **FAST FORWARD**, **REWIND** to view your files.



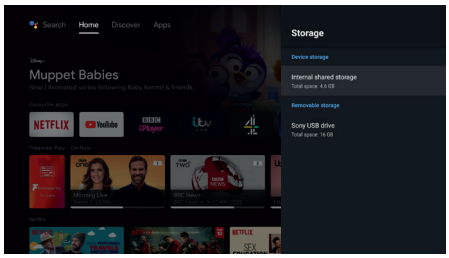
Other media players are available, check the App Store.



Checking and Formatting a USB Drive

You can check that amount of available storage on your USB device or format the device from the STORAGE menu.

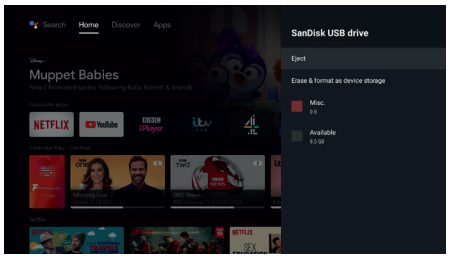
1. Press MENU and go to SETTINGS - DEVICE PREFERENCES - STORAGE. Your USB storage device will be shown under REMOVABLE STORAGE. Here you will see the total space available on the device.
2. To see the remaining storage capacity of your USB device highlight the device and press **OK**. You will now see how the storage is being used on your device including the available storage.



Ejecting a USB Drive

To prevent damaging any files that are on your USB drive you should eject it before removing it.

- In the STORAGE menu highlight EJECT and press **OK**.



Erase and Format a USB Drive

To erase and format your USB drive follow below.

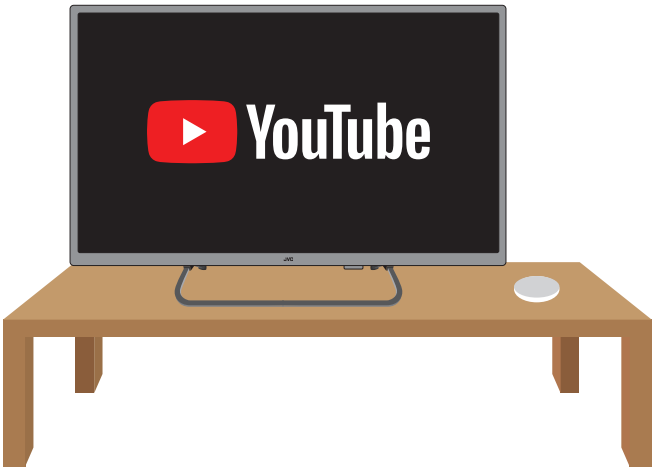
1. In the STORAGE menu highlight ERASE & FORMAT and press **OK**.
2. The FORMAT AS DEVICE STORAGE screen will appear, highlight FORMAT and press **OK**.

⚠ Formatting the USB drive will erase all information on the USB drive. Once formatted this USB drive can only be used by this TV.

Google Home Speaker

Using Your Google Home Speaker to Control Your TV

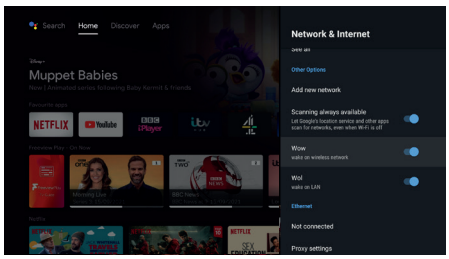
You can use your Google Home speaker to control some of the functionality of your TV. For example, once setup you can ask your Google Home speaker to show videos on You Tube. Your TV will switch on and play the content you asked for. Both devices will need to be on the same network and connected so that they can see each other. To do this you will need to change some settings on your TV and in the Google Home App.



Make sure both devices are connected to the same Wi-Fi network.

Allowing your TV to power on via your Google Home Speaker

- First you will need to go into SETTINGS - NETWORK & INTERNET and select WOW (wake on wireless network) to ON. This allows your Google Home speaker to communicate with your TV, so it will switch on when you ask it. Switching WOW on will increase your TVs power consumption in Standby.
- You also need to make sure Chromecast built-in is active. Go to SETTING - APPS - SEE ALL APPS - SHOW SYSTEM APPS then select CHROMECAST BUILT-IN and make sure its Active.

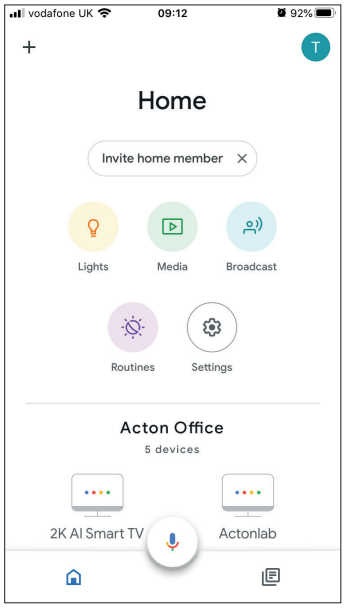


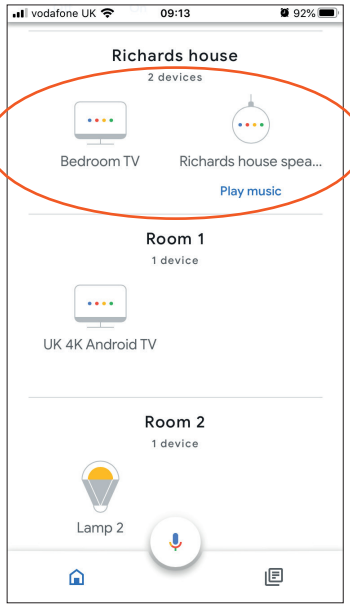
Linking your TV to your Google Home Speaker

Now you need to make sure that your TV and Google Home Speaker can see each other by linking them together in the Google Home app.

If you have changed the name of your TV, make sure the name on your TV and the Name of your TV in the Google Home app match.

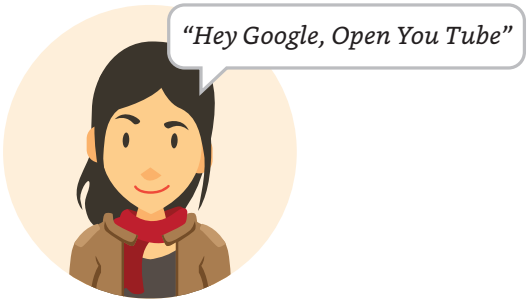
1. Open the Google Home app on your phone.
2. Check that you can see your Google Home speaker and your Android TV in the app.

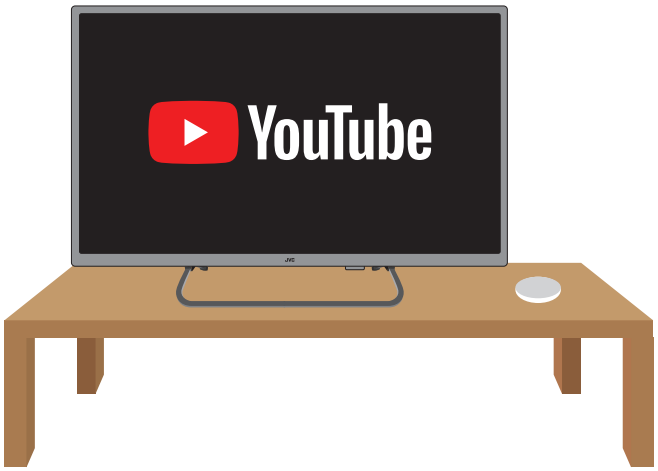




Some things try with your TV and Google Home speaker

Your TV must be on the same network as your Google Home Speaker to use your Google Home Speaker to control your TV.



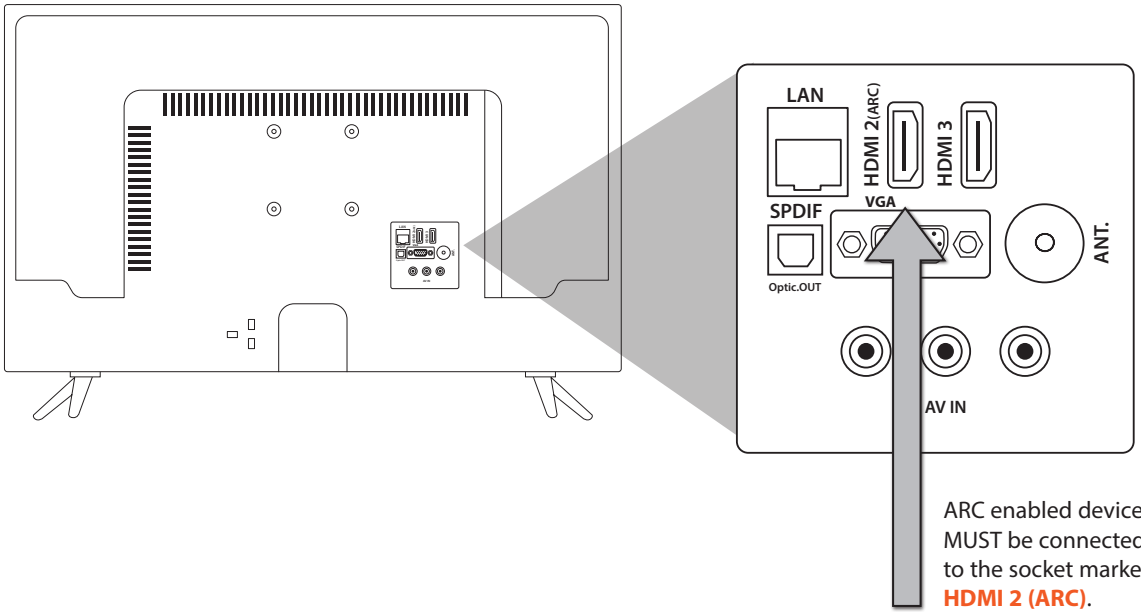


- Hey Google, switch on [TV name]
- Hey Google, switch off [TV name]
- Hey Google, open [app name]
- Hey Google, find [content name – e.g. Jack Ryan]
- Hey Google, play [music playlist or artist name]
- Hey Google, pause
- Hey Google, volume up on [TV name]

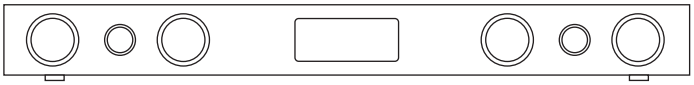
Connecting Devices

Connecting a Soundbar via HDMI (ARC)

The ARC (Audio Return Channel) function allows you to send audio from your ARC-compliant TV to ARC-compliant audio devices (e.g. soundbar) through a single HDMI connection.



Make sure CEC is enabled when using an ARC-compliant device.



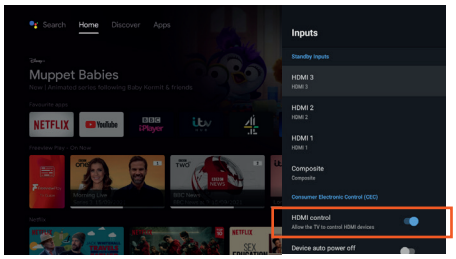
External speaker e.g. Soundbar

HDMI-ARC Connection

To enjoy the ARC function, please ensure your ARC-compliant audio devices are connected by an HDMI cable that support the ARC function to the **HDMI 2(ARC)** port of your ARC-compliant TV. When correctly set up, you can use your TV remote control to adjust the volume output (VOL +/– and MUTE) of the connected audio device.

1. Make sure your TV and ARC-compliant device are disconnected from the main and switched off.
2. Connect your ARC-compliant device to your TV making sure you use the **HDMI 2 (ARC)** socket on the side of the TV. The plug in and switch on at the mains.

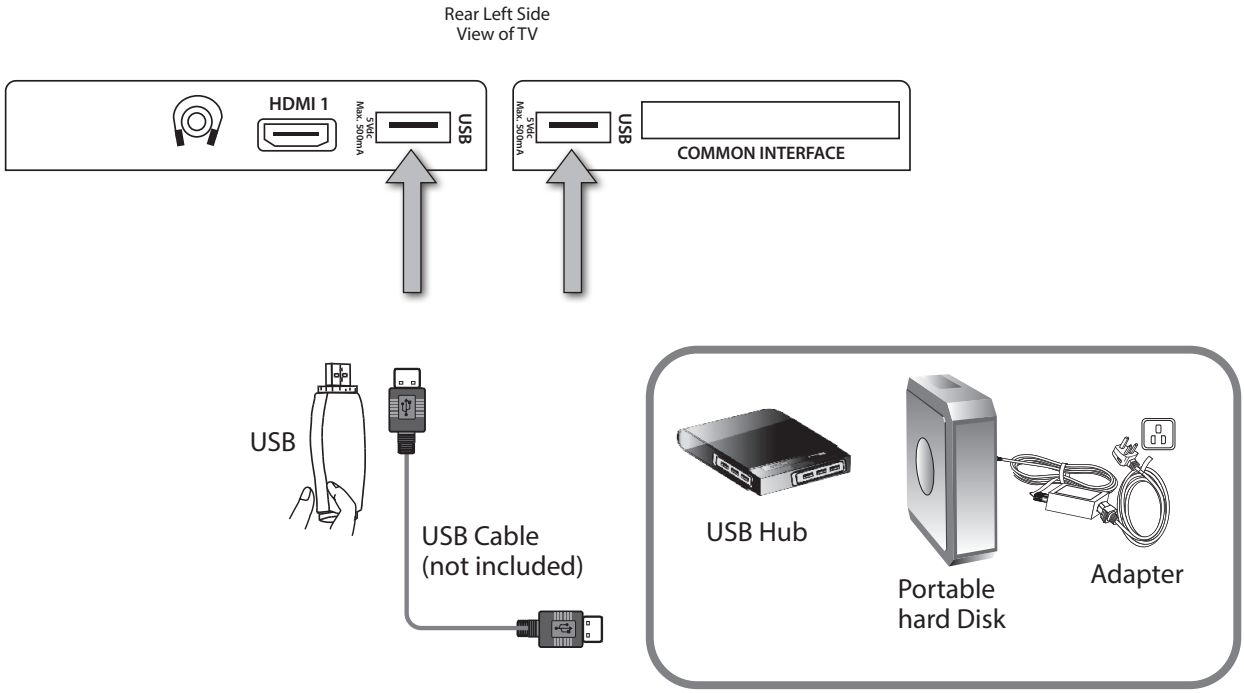
Your soundbar will now switch on and off when you turn your TV on and off and you will also be able to adjust the volume using your TV remote control. If you find this isn't working check HDMI CONTROL is switched **ON**. Go to SETTINGS - DEVICE PREFERENCES - INPUTS - HDMI CONTROL.



Connecting a USB Storage Device

You must use a USB storage device with a minimum of 2GB of storage space.

1. Switch off the TV before connecting any USB storage device.
2. Connect your USB storage device to the USB port of your TV. If your USB device is powered by the main, plug the connected devices into the mains socket and switch on.
3. Press the **STANDBY** button on the remote control to turn on your TV

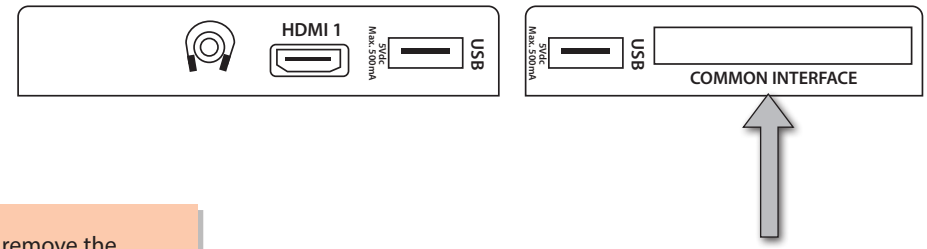


- Some versions of portable hard disk may require more power than the TV USB socket can provide. To ensure correct operation please use the power adapter for that device.
- If a USB hub is used, make sure its mains adapter is connected to the mains supply as the total current consumption may exceed 500mA.
- The file system only supports FAT32 format.
- Disconnect the USB storage device if it is not in use.

CI (Common Interface)

The common interface allows the use of a Common Access Module to enable you to view scrambled (pay-per-view) services. This is for services that may become available in the future. The Common Access Module and viewing card can be obtained from the service provider when available.

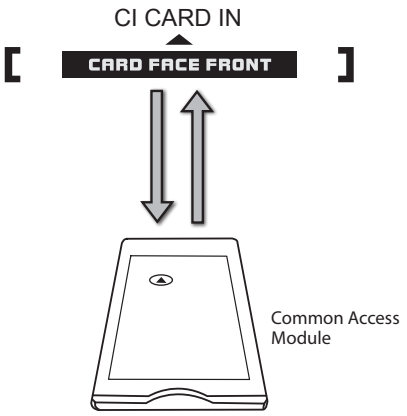
Rear Left Side View of TV



CI (Common Interface)
Allows the Common Access Module to be inserted and access the content that has been encrypted.

Do not repeatedly insert or remove the Common Access Module as this may damage the interface and cause a malfunction.

This feature is not available in all countries.



To insert the Common Access Module

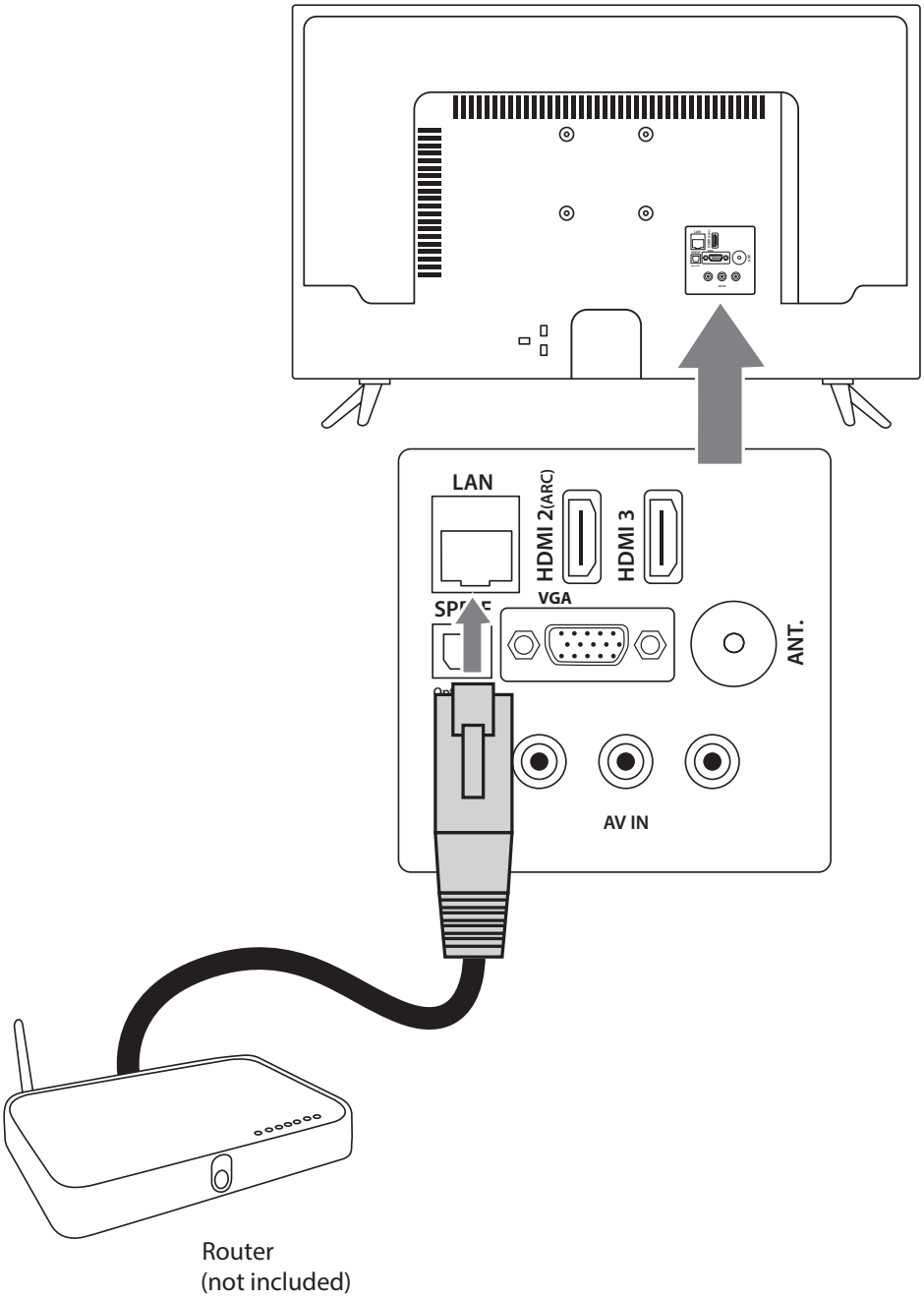
1. Before you insert the Common Access Module, ensure that the TV is switched off and the viewing card is inserted ***in accordance with the Service Provider's instructions***.
2. Insert the Common Access Module into the slot. Flip it to the other side and try again if you feel resistance.
3. Switch the TV on.

To remove the Common Access Module

1. Before you remove the Common Access Module, ensure that the TV is switched off at the mains.
2. Pull the Common Access Module from the slot.
3. Switch the TV on.

Connecting to the Internet (Wired)

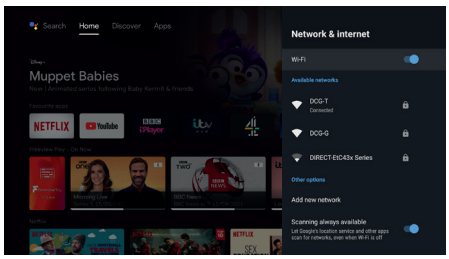
For the fastest and most reliable connection we recommend connecting your TV to the internet using an ethernet cable.



Router
(not included)

1. With the TV switched off connect an Ethernet cable from your Router to your TV, plug it into the socket marked **LAN**. Your TV will automatically connect to your network.

2. If you want to change any Network settings go to SETTINGS - NETWORK & INTERNET and scroll down to the Ethernet settings.



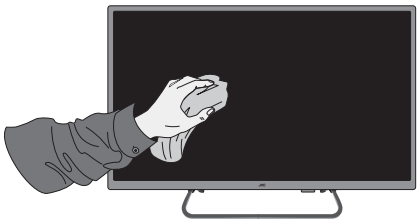
Technical Information and Help

Maintenance

Careful and regular cleaning can prolong the life of your TV.

Be sure to press the ⏻ button on the remote control and disconnect the mains cable from the mains socket before any cleaning.

1. Use a soft dry cloth to wipe away the dust from the screen and surfaces.
2. If the surfaces are extremely dirty, clean the TV with a damp cloth.
3. Ensure there is no excess water on the screen. Allow any water or dampness to evaporate before switching the TV on.



Never use alcohol, benzine, paint-thinner, cleaning fluid or other chemicals. Do not use compressed air to remove dust.

Hints and Tips

The following table contains various hints and tips to get the best performance from your TV. If you require additional assistance please call our Call Centre on (UK) **0344 561 1234** or (Ireland) **1 890 818575**. Our Customer Contact Centre is open 24/7.

The TV does not operate properly.	
The TV does not respond when pressing any buttons	• The TV may freeze up during use. Switch the TV off at the mains for a few minutes. Switch on again and try to operate it again as usual.
TV cannot be switched on	• Check that the TV is connected to the mains supply and switched on. • Make sure all connected AV devices are switched off before switching on your TV. • The batteries in the remote control may need changing.
The remote control does not work	• When switching the TV on/off your remote control uses infrared so check to see if there are any objects between the TV and the remote control causing an obstruction. Ensure that you are pointing the remote control directly at the TV when switching on/off. • You may be out of range try to be within 10m of your TV when using the remote control. • Ensure that the batteries are installed with the correct polarity (+ to +, - to -). • The batteries in the remote control may need changing, change the batteries. • You may need to re-pair your remote control. To pair your remote control go to: SETTINGS - REMOTES & ACCESSORIES, then click on ADD ACCESSORIES and follow the on screen instructions.
Power is suddenly turned off	• Check the TV has power to it. The mains supply maybe interrupted. • Check if the sleep timer is set. • Check whether the Auto Power Off has activated.
Text services/streamed channels not work	• This TV does not support MHEG services now on at anytime in the future, the Guide will show the programme information but they cannot be view. This also includes BBC red button MHEG services. However, Red Button + (HbbTV) is supported. This is not a fault.
Red Button+ isn't working	• Check you are connected to the internet, HbbTV services on Red Button+ require an internet connection to work.
The video function does not work.	
No Picture & No Sound	• Check whether the TV is switched on. • Try another channel. The problem may be caused by the broadcaster. • Check you don't have some headphones connected. • Press any button, PICTURE OFF may have been selected in the POWER menu.
Picture appears slowly after switching on from main power on	• This is normal. Please contact your service centre, if the picture has not appeared after five minutes.
No or poor colour or poor picture	• Adjust the Picture settings, go to SETTINGS - DEVICE PREFERENCES - PICTURE. • Try another channel. The problem may be caused by the broadcaster. • Check if the video cables are connected properly. • Check that you are watching the correct resolution i.e. SD, HD or 4K.
Horizontal / Vertical bar or picture shaking	• Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	• Station or cable channel may be experiencing problems, tune to another station. • Station signal is weak, reposition the aerial for better reception. • Check for sources of possible interference.
Lines or streaks in pictures	• Check aerial (Change the position of the aerial.)
No pictures when connecting HDMI	• Check you have choose the correct input source **HDMI 1, 2 or 3**.
Picture appears in wrong ratio	• Adjust the **Picture Format**, while watching Live TV press the **MENU** button while select DISPLAY MODE then select AUTOMATIC.

10 Technical Information and Help

The audio function does not work.	
Picture OK but no sound	• Press the **VOL** + / – buttons. • Sound muted? Press the **MUTE** button. • Try another channel. The problem may be caused by the broadcaster. • Check you don't have some headphones connected.
No output from one of the speakers	• Adjust the **Balance** settings. Go to SETTINGS - DEVICE PREFERENCES - SOUND - BALANCE.
Unusual sound from inside the TV	• A change in ambient humidity or temperature may result in an unusual noise when the TV is switched on or off and does not indicate a fault with the TV.
No sound when connecting HDMI	• Check you have choose the correct input source **HDMI 1, 2 or 3**.
Audio noise	• Keep the RF coaxial cable away from other connected cables.

Password	
Forgotten Parental PIN	• To reset your parental PIN go to SETTINGS - CHANNEL - PARENTAL CONTROLS and enter your Pin Code. • If you have forgotten your pin code, you will have to factory reset your TV. Go to SETTINGS - DEVICE PREFERENCES - RESET.

Google Assistant	
Google Assistant isn't working	• Google Assistant requires an internet connection to work – make sure you are connected to the internet. • The remote control may not be paired. Go to SETTINGS - REMOTES & ACCESSORIES and pair your remote control. • Press the **GOOGLE ASSISTANT** button, wait for the four coloured dots (● ● ● ●) to appear then speak. • When speaking, hold the remote between 1 and 12 inches from your mouth.

Smart services not working	
Can't access Smart Services	• Check you are connected to your router and that the router is switch on and working. • Your router may be to far away from your TV, move your router closer to your TV. • Try connecting your TV to your router using an ethernet cable.
Smart Services are very slow to activate	• Your internet speed may be very slow, check your speed with your internet provider.
Some of the Apps have disappeared or changed	• The Apps on your TV may have been updated or even removed this can happen at any time. Its normal and not a fault of your TV. • Check you are signed into your Google account. If you're not signed in, you will not be able to access the Google Play app store.
Some menus/functions have changed	• Your TV will get updates from time to time to improve its performance and give you the best possible user experience, this may mean that some menus/features change after your TVs software has updated. Its normal and not a fault of your TV.

FAQs (Frequently Asked Questions)	
Why have I lost some / all of my channels?	• It happens sometimes if you have a weak signal. Usually it just means you'll need to re-tune your TV. Don't worry, it is easy to do. And once you've done it, you should get all the Freeview channels available to you. If problems persist you may need to get your aerial checked. Talk to your retailer or contact your local aerial installer.
Why do I get 'blocking' on my digital picture?	• In most cases, blocking is caused by a reception problem – either the signal is too weak or there is some kind of interference. Talk to your retailer or contact your local aerial installer. • Blocking can also be caused by a digital signal that is too strong. If you are still experiencing blocking and the signal is strong, consult your local aerial installer for advice.
Can I watch Freeview using a portable set-top aerial?	• Some, but only a few, homes may be able to use a set top aerial. However, for a much better reception, we strongly recommend that you use a rooftop aerial. • If you do not have access to a rooftop aerial – for example, if you rent a flat and the aerial is the responsibility of your landlord, or if you're using a second TV in the bedroom and don't want the hassle and expense of using extension cables, a set top aerial may be your only option.
What type of aerial do I need?	• If you are installing a new aerial, we recommend a wideband rooftop aerial rather than a loft aerial. Loft aerials generally receive a weaker digital signal and are more likely to get interference from other electrical devices at home. We suggest you have an aerial survey done before getting an aerial upgrade. • Talk to your retailer or contact your local aerial installer.

Remote Control Codes

Sky Codes

The code for controlling your TV using a Sky Remote Control is **0065.** For instruction on how to use the code see your Sky instruction manual.

Virgin Media Codes (TiVo box)

The codes for controlling your TV using a Virgin Media Remote Control are **0044, 0049, 0101, 0107, 0125, 0152, 0166, 0379, 0654.** For instruction on how to use the code see your Virgin Media instruction manual.

BT Vision

The codes for controlling your TV using a BT Vision Remote Control are **0000, 0019, 0725, 0669, 0016, 0152, 0184, 0197, 0198, 0225, 0244, 0324, 0325, 0339, 0319.** For instruction on how to use the code see your BT Vision instruction manual.

Declaration of Conformity

Hereby, Currys Group Limited, declares that this TV is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
https://www.currys.co.uk
Click on **SEARCH** and enter the model number.

Product Fiche and Specifications

Brand	**JVC**
Model	**LT-32CA120**
Standby Power Consumption	0.5W
Networked Standby (Wake On LAN)	< 2.00W
Networked Standby (Wake On WLAN)	< 2.00W
Display Resolution	1366 pixels (horizontal) x 768 pixels (vertical)
Panel System	32 inch Direct lit LED Panel
Television System	PAL I / BG / DK DVB-T2 (VIDEO: MPEG-4 MP@ML, SOUND: AAC, MPEG-1 LAYER 1/2, MPEG-2 LAYER 2)
Power Source	220-240V ~50Hz
Operating Temperature	0°C – 40°C
Operating Humidity	80% (max)
Mercury Content (mg)	X
Presence of Lead	√*
Speaker Power	2 x 6W
Dimension(W x H x D) with base	732(W) x 482(H) x 174(D)
Weight (Net)	4.5kg
Wireless network	√
Inputs / Output	
HDMI	3 (HDMI 2 with ARC)
PC-RGB (VGA)	1
AV IN (L & R)	1
YPbPr in via VGA	1
Common Interface	1
USB	2
ANT. (Aerial socket)	1
SPDIF (Optical)	1
Headphone	1
Ethernet (RJ-45)	1

Wireless Transmitter	
Frequency Ranges	**Max Output Power**
2400 - 2483,5 MHz (CH1-CH13)	< 100 mW
5150 - 5250 MHz (CH36 - CH48)	< 100 mW
5250 - 5350 MHz (CH52 - CH64)	< 100 mW
5470 - 5725 MHz (CH100 - CH140)	< 100 mW
Bluetooth Transmitter	
2402 - 2480 MHz (CH0 - CH39)	< 100 mW

Features and specifications are subject to change without prior notice.

*This television contains lead in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.

To view energy information about to your product scan the QR code on your Energy Label.

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For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

Notes for Battery Disposal

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.

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Minimum broadband speed of 2Mbps required for catch up and on demand services. Watching on demand and catch up programmes will count towards any monthly broadband data allowance. 7-day catch up or selected channels.

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This apparatus is in conformance with the valid European directives compatibility and electrical safety.

For Help and Support Call

UK: 0344 561 1234

Ireland: 0818 810575

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